

# SPE Virtual Annual Caspian Technical Conference

21 – 22 October | Online

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We have  
Gone  
Virtual

## Conference Preview



Partners:



MINISTRY OF ENERGY  
OF THE REPUBLIC OF  
KAZAKHSTAN



MINISTRY OF ECOLOGY,  
GEOLOGY AND NATURAL  
RESOURCES OF THE REPUBLIC  
OF KAZAKHSTAN





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**STRENGTHENING THE ECONOMY AND IMPROVING THE WELFARE OF KAZAKHSTAN PEOPLE – ARE THE STRATEGIC GOALS FOR THE NATIONAL COMPANY KAZMUNAYGAS**



Dear Colleagues,

On behalf of SPE and the Executive and Programme Committees, we are pleased to welcome you to the seventh **SPE Annual Caspian Technical Conference (CTC)** taking place on 21-22 October 2020.

During these challenging times we are all experiencing, it has never been more important to keep the Caspian oil and gas industry connected. The last six months have exposed a number of challenging issues across governments and industries and with this in mind we have adapted to a virtual format this year. Despite this change, we endeavor to provide the same high-quality content and inclusive learning experience you'd receive from our in-person event.

The industry has demonstrated resilience to overcoming low oil prices and technological challenges by transforming them into sustainable opportunities. The special focus of the CTC this year will be on disseminating the existing, emerging, and future social, economic and educational needs for the oil and gas sector. Experts will discuss tangible approaches on how oil and gas companies can make organisational, cultural and structural changes, simplifying and localising supply chains, reinventing themselves and putting the purpose and impact at the heart of their activities.

Themed as 'Competing on a Global Scale: Creating the Right Environment', the event will present a high quality peer-reviewed technical programme consisting of an Opening Ceremony, Investor and Operator panel discussions, 2 x keynote panels and 12+ technical sessions. All with interactive Q&A's. It will provide the unique opportunity to network with industry leaders and E&P experts from across the globe to share technical knowledge and explore future innovations and challenges.

Traditionally, the conference has attracted a diverse mix of professionals, researchers, and policy-makers to meet and share their expert opinions on current landmarks and challenges, future trends and advances in the oil and gas industry. This time the new format will provide a series of interactive technical content opportunities, collaboration experiences including live speaker Q&A's, 1:1 chats and group networking lounges.

At this year's virtual event, there is also the unique opportunity to access all the event presentations 1 week before the conference start date. This provides the added benefit of viewing them around your schedule and to make the most of our interactive engagement hub across 21-22 October where you can connect directly with our expert speakers. Participants will have access to both live and on-demand content for up to 30 days post-event.

This year we have the support of a range of leading oil and gas players in the Caspian region, including host KMG, Ministries of Energy and Ecology, Geology and Natural Resources and KAZENERGY. There is also sponsorship support from NCOC, Tengizchevroil, Chevron, ExxonMobil, Schlumberger, Total, DeGolyer & MacNaughton, Shell and Tachyus.

We look forward to welcoming you to our inclusive and engaging virtual platform.

Kindest Regards,



Khusain Oryngaliev  
PE Manager  
**Tengizchevroil**



Alexandre Ridez  
Lead Engineer  
**Schlumberger**



Murat Syzdykov  
Head of Petroleum Engineering Department  
**Satbayev University**



## Meet the Executive Committee Co-Chairs



**Eimear Bonner**

General Director, Tengizchevroil

Eimear Bonner was appointed General Manager, Operations at Tengizchevroil on 1 November 2015. Prior to this she had been working at Chevron Corporation headquarters in San Ramon, California. Eimear started her career as an offshore petroleum engineer in the United Kingdom North Sea and progressed through technical and leadership roles of increasing responsibility in petroleum engineering, production operations, reservoir management, project management,

strategy and planning and operational excellence in the United Kingdom, United States, Thailand and Kazakhstan.

Her first assignment to Kazakhstan was 2012-2013 when she was Deputy Managing Director, Eurasia Business Unit. In that role she was responsible for Operations in Azerbaijan and Kazakhstan, Kazakhstan's Manufacturing Operations and Reinvestment Portfolio, and functional groups including Operational Excellence, Marketing and Trading and Exploration.

In Thailand she was an Asset Manager responsible for production from three offshore operations, a successful Major Capital Project start-up and the development of the future growth portfolio for Chevron's Thailand assets.

She received her Bachelor's degree in Chemical Engineering from Queen's University Belfast in 1996, and her Master's degrees in Advanced Chemical Engineering and Petroleum Engineering from Imperial College, London in 1997 and 1998 respectively.



**Rich Howe**

Managing Director, NCOC

Rich Howe holds a Bachelor degree in Mechanical Engineering from Auburn University (United States) and Master's degrees in Mechanical Engineering from the Georgia Institute of Technology (US), Petroleum Technology from Curtin University (Australia), and Business Administration from Duke University (US).

He joined Shell in 2002 as a Pressure Equipment Engineer at the Saraland Refinery in Alabama (US), and continued this role at the Norco Chemical Complex outside of New

Orleans, Louisiana. Subsequently he served as Project Engineer on a large oil shale development with the Shell Unconventional Resource and Energy team in Colorado (US). After successful startup of this project, Rich moved to Shell's Deepwater division as a technical specialist supporting Gulf of Mexico subsea operations and pipeline flow assurance. Over time he moved to Finance and Strategy, and then to Brazil as FPSO Asset Operations Manager for several years. He returned to the Gulf of Mexico as Vice

President Technical for US Deepwater assets. Following this, Rich was appointed Vice President of the Production discipline for Shell's global Deepwater operations.

Rich joined NCOC in October 2017 as Production Operations Director; in this role he led the organisation to bring Kashagan safety performance, reliability and production to record levels. He succeeded Mr Bruno Jardin in the position of Managing Director of NCOC early February 2019.

“ A vital industry event that allows representatives of the region to communicate with colleagues from around the world and share their views on industry trends in the oil and gas sector. ”

General Director, **Tengizchevroil**

NCOC is an operator of the North Caspian Project, the first major offshore oil and gas development in Kazakhstan. It covers three fields: Kashagan, Kairan, Aktote. The giant Kashagan field ranks as one of the largest oil discoveries of the past five decades, with approximately 9-13 billion barrels (1-2 billion tonnes) of recoverable oil. The Kashagan reservoir lays 80 km offshore the city of Atyrau in 3-4 meters of water, and more than 4 km deep (4,200 m).

**THE COMBINED SAFETY, ENGINEERING AND LOGISTICS CHALLENGES IN A HARSH OFFSHORE ENVIRONMENT MAKE KASHAGAN PHASE 1 ONE OF THE LARGEST AND MOST COMPLEX INDUSTRIAL PROJECTS EVER DEVELOPED.**

**North Caspian Operating Company N.V.** acts on behalf of a consortium of seven energy companies:



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NATIONAL COMPANY ҚАЗТАҢ ҚОҒАМ АҚПАРАТЫ



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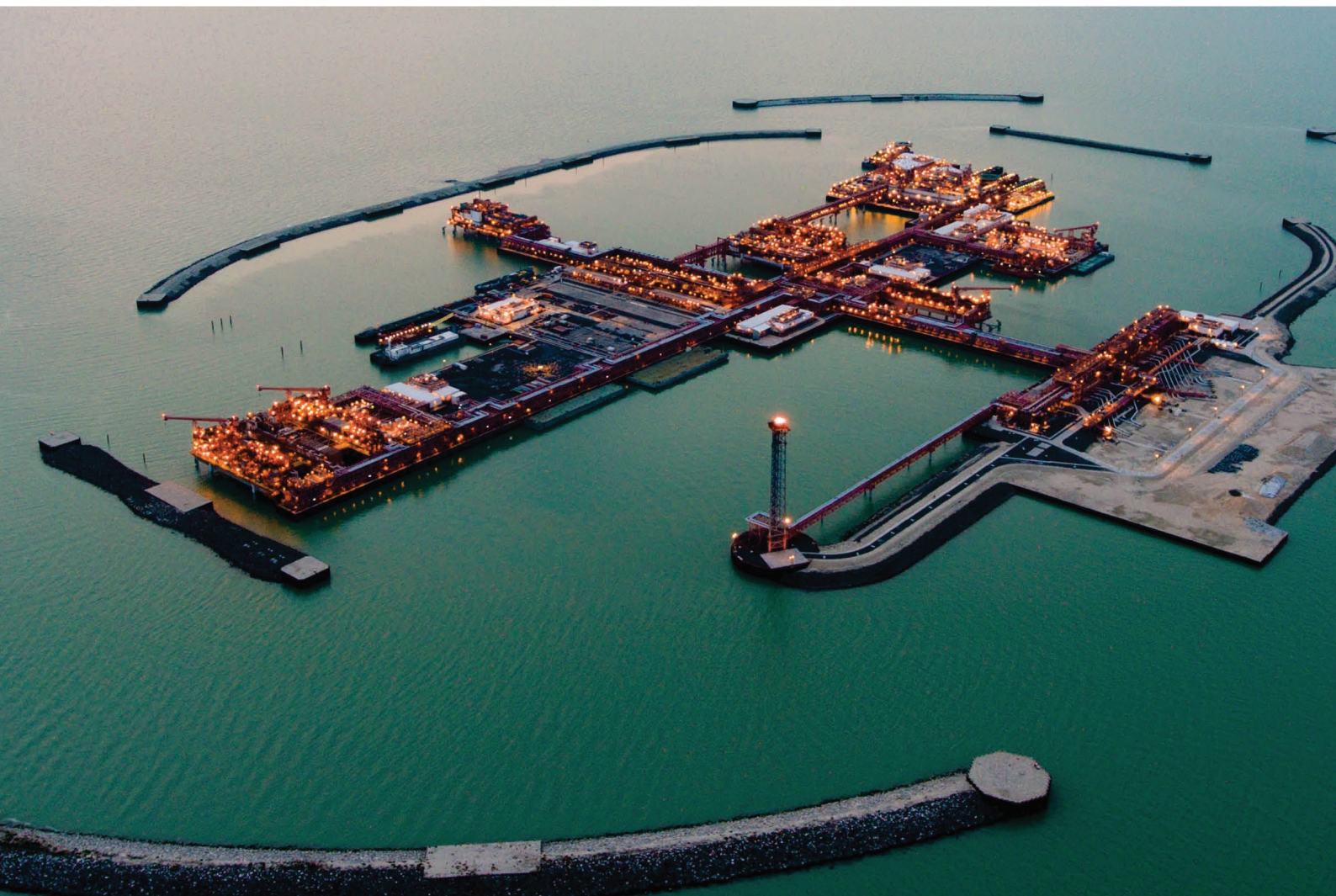
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## About the Conference

### Peer-reviewed technical content

Access live and on-demand technical presentations from your office or home! You will receive admission to the virtual programme **1 week before** the conference for you to watch around your schedule. Presentations will be available 30 days after the event for you to revisit.

### Stay connected with the industry

Interact with forward-thinking executives during the all-encompassing engagement hub across 21-22 October. Connect with the authors and keynotes in real-time as they share strategies that are shaping the industry and put forward your questions and views in the interactive Q&A's.

Renowned for its excellent technical content, the SPE Virtual Annual Caspian Technical Conference will bring together local, regional and international experts to present their knowledge, expertise and best practice providing the perfect platform for professional development, unique networking and the opportunity to exchange knowledge and experience among participants.



## Investing in the world's energy future.

When it comes to energy, the future is not predetermined. To ensure our growing world will have the energy supplies it needs for decades to come, ExxonMobil employs a long-term approach, investing in the communities where we operate to bring jobs, economic growth and opportunity.

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## Who Should Attend

- Oil and gas professionals, experts, and managers
- Service, supply and consulting companies
- Government regulators
- Health, safety, and environmental professionals and representatives
- Local, national and international governmental organisations
- Non-governmental organisations
- Professional societies
- Universities, research centres, and institutes

## Event Highlights

- Hear from renowned industry speakers including representatives from KMG, Ministry of Ecology, Ministry of Energy, KAZENERGY
- Engage with thought leaders and experts from within the Caspian oil and gas community and ask questions in real time
- Explore ePosters for the latest information and knowledge sharing
- Uncover leading research and solutions while gaining actionable insights
- Exchange best practice and expand your professional partnerships
- Sessions streamed in English and Russian

## Disciplines

- |  |   |   |
|--|---|---|
|  Multi-disciplinary                                |  Drilling                    |  Management                              |
|  Health, Safety, Environment, and Sustainability |  Completions                |  Data Science and Engineering Analytics |
|  Projects Facilities and Construction           |  Production and Operations |  Reservoir                             |



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### Executive Committee

#### Co-Chairs

Eimear Bonner, **Tengizchevroil**

Rich Howe, **NCOC**

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Rob Fox, **Schlumberger**

Ahlem Friga-Noy, **Total**

Anderson Haas, **DeGolyer & MacNaughton**

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Baltabek Kuandykov, **Meridian Petroleum**

Olivier Lazare, **Shell**

Magzum Mirzagaliyev, **Ministry of Ecology, Geology & Natural Resources**

Robert Moore, **Fluor**

Kanat Mynshalov, **Wood Group**

Marc Payne, **Chevron Eurasia**

Greg Riley, **BP**

Kairat Saktaganov, **JSC NC KMG**

Meiirzhan Sheraliyev, **Baker Hughes**

Igor Shpurov, **Russian State Committee on Reserves**

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Marcello Tesconi, **Isatay Operating Company**

Ilaria Zappacosta, **KPO**

Nurlan Zhumagulov, **KAZSERVICE**

Murat Zhurebekov, **Ministry of Energy**

### Programme Committee

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Murat Syzdykov, **Satbayev University**

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Nurgazy Branov, **Baker Hughes**

Amanbay Chalak, **Tengizchevroil**

William Duncan, **Weatherford**

Milovan Fustic, **Nazarbayev University**

Arzu Javadova, **BP**

Assel Jumagaliyeva, **Schlumberger**

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Nurbek Karatalov, **Shell**

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Valery Kucherov, **ERM**

Adil Mukanov, **PetroKazakhstan**

Marat Nauryzgaliev, **NCOC**

Amirgali Nietkaliyev, **Fluor**

Marat Nukhaev, **RESMAN**

John Oakley, **Fluor**

Ulan Onbergenov, **Shell**

Daulet Ospan, **NCOC**

Maurizio Piana, **ENI**

Laurent Richard, **Nazarbayev University**

Matthew Rockett, **Tengizchevroil**

Renat Sadyrbakiyev, **Tengizchevroil**

Assel Salimova, **Baker Hughes**

Nurlan Seilov, **NCOC**

Talgat Seitimov, **ENI**

Yessimkhan Seitkhaziyev, **KMG Engineering**

Ali Sheydayev, **BP**

Diana Shigapova, **Roxar**

Nathaniel Stephens, **NCOC**

Talgat Temirzhanov, **ILF Consulting Engineers**

Berik Uap, **NCOC**

Doszhan Yeleussinov, **Total E&P Dunga**

Aidos Yskak, **KMG Engineering**

Aytan Zenelli, **SOCAR AQS**

Alibek Zhaikanov, **KMG Engineering**

Baurzhan Zhiengaliyev, **KMG Engineering**

# Schedule of Events

All times Atyrau Time (UTC +5)				
	Stream 1	Stream 2	Stream 3	
<b>Wednesday, 14 October</b>				
On-Demand Technical Content Open From 14 October				
<b>Wednesday, 21 October</b>				
Caspian Technical Conference				
1100-1130	Opening Ceremony			
1145-1315	Operator and Investor Panel Discussions			
1330-1500	Keynote Panel Session			
1515-1545	<b>Q&amp;A for Technical Session 1:</b> Data and Information Management I	<b>Q&amp;A for Technical Session 2:</b> Reservoir Management I	<b>Q&amp;A for Technical Session 3:</b> Data and Information Management II	
1600-1630	<b>Q&amp;A for Technical Session 4:</b> Reservoir Management II	<b>Q&amp;A for Technical Session 5:</b> Production and Operations I	<b>Q&amp;A for Technical Session 6:</b> Projects, Facilities and Construction / Regulatory Compliance / HSE	
Knowledge Sharing ePosters - available on-demand throughout the event.				
<b>Thursday, 22 October</b>				
Caspian Technical Conference			Symposium: Caspian Health, Safety, Security, Environment and Social Responsibility	
1100-1230	Keynote Panel Session		1130-1200	Opening Keynotes
1245-1315	<b>Q&amp;A for Technical Session 7:</b> Production and Operations II	<b>Q&amp;A for Technical Session 8:</b> Drilling and Completions	1215-1345	Plenary Panel 1
1330-1400	<b>Q&amp;A for Technical Session 9:</b> Reservoir Description and Dynamics I	<b>Q&amp;A for Technical Session 10:</b> E&P Geoscience and Formation Evaluation I	1400-1530	Plenary Panel 2
1415-1445	<b>Q&amp;A for Technical Session 11:</b> Reservoir Description and Dynamics II	<b>Q&amp;A for Technical Session 12:</b> E&P Geoscience and Formation Evaluation II	1545-1715	Plenary Panel 3
Knowledge Sharing ePosters - available on-demand throughout the event.				

**Sessions**

- Opening / PlenarySession
- Panel Session
- Special Session

**Technical Sessions**

- Multi-disciplinary
- Drilling
- Management
- HSE
- Completions
- Data Science and Engineering Analytics
- Projects Facilities & Construction
- Production and Operations
- Reservoir Description & Dynamics

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## Conference Programme (as of 30 September 2020)

All times Atyrau Time (UTC +5)

### Wednesday 14 October

#### On-Demand Technical Content Open

Admission to the virtual programme (technical presentations only) will be available 1 week before the conference for you to watch around your schedule.

### Wednesday 21 October

1100 – 1130

#### Conference Opening Ceremony

##### Featuring:

Tom Blasingame, **SPE 2021 President**

Murat Zhurebekov, First Vice Minister, **Ministry of Energy**

Magzum Mirzagaliyev, Minister, Ministry of Ecology, **Geology and Natural Resources**

Zhakyp Marabayev, Chief Exploration and Production Officer, **KMG**

Uzakbai Karabalin, Deputy Chairman, **KAZENERGY**

Nurlan Zhumagulov, General Director, **KAZSERVICE**

1145 – 1315

#### Operator and Investor Panel Discussions



#### Driving Economic Success In Today's Operational Landscape

**Moderator(s)** Malcolm Forbes-Cable, **Wood Mackenzie**

**Investors Panel** Nicolo' Aggogeri, Managing Director, **Agip Caspian Sea B.V.**; Ahlem Friga-Noy, Country Chair and MD, **Total E&P**

**Kazakhstan, Total**; Olivier Lazarre, VP and Country Chair, **Shell**; Marc Payne, Deputy Managing Director, **Chevron Eurasia**

**Operators Panel** Edwin Blom, General Director, **KPO**; Eimear Bonner, General Director, **TCO**; Richard Howe, Production Operations Director, **NCOC**; Zhakyp Marabayev, Chief Exploration and Production Officer, **KMG**

Business drivers are many and varied. Economic (cost efficiencies, new pricing regime/market trends/effects on E&P Industry, business sustainability, operational efficiency) Regulatory (reserves classification system, environmental) and unplanned (Covid-19). Success depends on many factors and how they are mitigated.

This panel will look at how Operators and Investors have seen these challenges and coped with the fast-changing landscape they operate in.

1330 – 1500

#### Plenary Panel 1



#### Future Energy: Energy Transition 2020–2040

**Moderator(s)** Talgat Temirzhanov, **ILF**

**Speaker(s)** Rob Fox, MD Kazakhstan & Uzbekistan, **Schlumberger**; Marat Karimov, Vice General Director, **KPO**; Mahmoud Kassem, OFS Region Vice President Russia-Caspian, **Baker Hughes**; Alex Stillavato, Country Chair and MD Total E&P Kazakhstan, **Arm Wind**; Murat Zhurebekov, First Vice Minister, **Ministry of Energy**

A look into the future, 15-20 years from now. What will the Energy Industry look like? What are the areas that need to evolve? How will the current 'Energy' companies need to change? How will the Industry need to change to handle the many external factors affecting the Industry (ESG, social pressures, environment, climate change).

## Conference Programme

1515 – 1545



### OIT Data and Information Management I (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Amanbay Chalak, **Tengizchevroil**; Talgat Seitimov, **ENI**

Leading to progress and prosperity, both effective data management and human capital development have been mainstream activities in the oil and gas industry over the last decade. The Internet of Things, Machine Learning, Big Data and most of the digital trends are widely deployed in the oil and gas industry, having ensured the data governance, quality and security. The main presentations of this session will therefore focus on various innovations in a data cycle, agile solutions, frameworks, and digital case studies for effective data management. The second part of the session is devoted to human capital development, which remains the essential driver of organisation's operational efficiency. Any fast-evolving digital changes have impacted labour markets worldwide and have caused a need for a stronger focus on human capital. Therefore, session participants will be sharing the successes and failures they have experienced in both streams and the opportunities they have discovered on their way.

Time	Paper #	Presentation
1515	202504	<b>Utilizing Agile Approach For Well Construction Planning</b> I. Kussanov, E. Puche, K. Yung, Tengizchevroil
1525	202505	<b>Digitalization of Simple Things – Cost Savings from Basic Transformation. Case: Karachaganak Field</b> A. Bekbossynova, Agip Karachaganak B.V.; Y. Bekniyazov, Karachaganak Petroleum Operating B.V.
1535	202506	<b>Developing Students' Social Skills and Career Preparedness within Petroleum Engineering Seminar Class at Satbayev University, Kazakhstan</b> A. Nussipkozhayev, M. Syzdykov, Satbayev University; A. Jamankulov, B. Haynes, Shell
Alternates		
	202540	<b>From Field Operations to Economics: Breaking the Barriers. Next Level of Integration</b> A. Mukanov, A. Saginbayev, PetroKazakhstan Kumkol Resources JSC; R. Salikhov, Schlumberger Logelco Inc.
	202542	<b>Development of Young Engineers in a Company Through Organization of Internal Competitions</b> A. Kurmankulov, S. Ramatullayev, D. Sidorov, Schlumberger

## Conference Programme

1515 – 1545



### O2T Reservoir Management I (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Diana Shigapova, **Roxar**; Doszhan Yeleussinov, **Total E&P Dunga**

This session will present the recent comprehensive field management and development approaches using the latest modelling techniques in complex carbonate reservoirs. Case studies will describe the results and challenges of waterflooding and miscible gas injection, incorporating sulphur production management into reservoir model as well as application of Integrated Production System modelling to evaluate production opportunities.

Time	Paper #	Presentation
1515	202534	<b>Features of Field Development with Tight Carbonate Reservoirs by Waterflooding</b> A.R. Mukanov, PetroKazakhstan Kumkol Resources JSC; A. Bigeldiyev, A. Batu, A.M. Kuvanyshv, Schlumberger
1525	202535	<b>Integration of Surface Facilities Constraints with Reservoir Model for Sulphur Production Management in Kashagan Field</b> N. Nogerbek, A. Bukharbayeva, NCOC; S. Ali, B. Amangaliyev, Schlumberger; M. Shambulov, Shell (previously with NCOC); C. Hatiboglu, KPO (previously with NCOC)
1535	202536	<b>IPSM for Production Forecasting and Production Optimization in Giant Carbonate Field Kashagan</b> A. Bukharbayeva, North Caspian Operating Company N.V. (NCOC); C. Hatiboglu, Karachaganak Petroleum Operating B.V. (KPO), previously with NCOC; G. Mtchedlishvili, D. Munsyzybayeva, B. Uap, B. Muftakhidinov, North Caspian Operating Company N.V. (NCOC)
Alternates		
	202574	<b>Streamline-Based Miscible Gas Flood Performance Evaluation and Pattern Balancing: A Case Study from The Giant Kashagan Field</b> N.N. Ashenov, L. Francia, B. Haynes Jr., North Caspian Operating Company
	202575	<b>Multiple Realization Approach in 3D Dynamic Modeling Under Hydraulic Fracturing and Geological Uncertainties</b> A. Bigeldiyev, D. Abdrazakov, D. Kovyazin, A. Batu, V. Malyshev, D. Sidorov, Schlumberger; G. Voigtlaender, T. Nauruzov, Zhaikmunai LLP

## Conference Programme

1515 – 1545



### O3T Data and Information Management II (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** David Barge, **Tengizchevroil**; Murat Syzdykov, **Satbayev University**

As the oil and gas industry develops towards a new normal, the ability to make better and faster decisions through the adoption of data platforms and analytics is key to companies and businesses thriving in this competitive and challenging time facing our industry. This session showcases the application of machine learning and advanced data analytics being used to simplify operational processes, reduce time to analyse large data sets, and improve operational performance and value through quicker and more informed data driven decisions. This session will feature case studies demonstrating the innovative adoption of data platforms, analytics, and visualisation tools in the following areas:

- Artificial Lift Optimisation
- Improved Secondary Recovery Decision Making
- Plant and Production Performance

Time	Paper #	Presentation
1515	202507	<b>Comparison of Machine Learning Algorithms for the Development of a Forecasting Tool for Cyclic Gas Injection in Hydraulically-Fractured Wells</b> A. Seilkhanov, D. Otyunshin, G. Novopokrovskiy, E. Artun, Middle East Technical University – Northern Cyprus Campus
1525	00000	<b>Machine Learning Enables Efficient and Economic Proppant Fracturing Operations through Tailored Decision Tree Workflow</b> A. Khan, Schlumberger, M.Y. Jelassi, (Formerly Schlumberger); A. Yudin, Schlumberger
1535	202509	<b>Case Study: IoT Production Intelligence Platform and its Field Implementation Results</b> A. Sultabayev, Manul; D. Jilmagambetov, OMV Petrom S.A. Kazakhstan Branch

## Conference Programme

1600 – 1630



### 04T Reservoir Management II (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** David Barge, **Tengizchevroil**; Adil Mukanaov, **PetroKazakhstan**

Reservoir management is a dynamic process that drives value over the life of the field by applying technologies to mature opportunities and resolve uncertainties through an integrated multidisciplinary approach. Case studies in this session span the range of reservoir life focusing on the use of surveillance techniques in managing active well performance; the design of an extensive surveillance program for monitoring a waterflood pilot; and the screening of EOR technologies for heavy oil reservoirs in Kazakhstan.

Time	Paper #	Presentation
1600	202577	<b>An Overview of Reserves and Resources Evaluation in Unconventionals</b> C.H. Canbaz, Ege University; C.Temizel, Saudi Aramco; A. Ozesen, TPAO; S. Gayde, Heriott-Watt University; F. Aksahan, Ege University
1610	202573	<b>Simulation of Multistage Acid Fractures in Horizontal Well Using Multiple Grid Geometry: Tight Carbonate Reservoir Case</b> I. Volnov, Tengizchevroil LLP & LUKOIL; D. Rojas, A. Bibolova, K. Lim, J. Amiotte, Tengizchevroil LLP
1620	202575	<b>Multiple Realization Approach in 3D Dynamic Modeling Under Hydraulic Fracturing and Geological Uncertainties</b> A. Bigeldiyev, D. Abdrazakovm, D. Kovyazin, A. Batu, V. Malyshev, D. Sidorov, Schlumberger; G. Voigtlaender, T. Nauruzov, Zhaikmunai LLP

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## Conference Programme

1600 – 1630



### 05T Production and Operations I (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Akylbek Kamispayev, **Tengizchevroil**; Ulan Onbergenov, **Shell**

In this session the lead practitioners of the Caspian region will share valuable experiences of dealing with operational challenges that resulted in uplift of well deliverability by application of new tools and technologies. Presenters will show field cases on how they successfully address the flow assurance issues and manage the well integrity and water inflow risks. They will also provide insights of enhancing production by optimisation of artificial lift equipment and by application of well stimulation methods such as a hydraulic fracturing.

Time	Paper #	Presentation
1600	202524	<b>Case Study: Plunger Lift Application Doubled Oil Production</b> Z. Nurkas, Manul
1610	202520	<b>Improvement of Hydraulic Fracturing Through Advanced Simulation, Production History Matching and Forecasting</b> D. Abdrazakov, A. Bigeldiyev, A. Batu, D. Sidorov, D. Kovyazin, Schlumberger; A. Kudalsha, A. Mukanov, PetroKazakhstan Kumkol Resources JSC
1620	202521	<b>Remediation of Wells Affected by Scaling on Kashagan Field</b> B. Daulbayev, B. Naukanov, Y. Khaidarov, NCOC N.V.; M. Esperon, M. Heinerth, M. Freeman, S. Yan, NCOC N.V. (Shell)

#### Alternates

202554	<b>Field Case: Complex Water Inflow Risk Evaluation by Various Surveillance Methods</b> A. Skopich, E. Neubauer, R. Sadyrbakiyev, Tengizchevroil; L. Xing, Chevron ETC
202555	<b>Advanced Rod Pump Optimization Approach – Case Study</b> A. Sultabayev, Manul LLP
202556	<b>An Integrated Approach to Well Integrity Diagnostics Utilizing Next Generation Passive Acoustic Logging Technology</b> F. Atakishiyev, R. Ramazanov, F. Allan, A. Zett, T. Graham, BP; A. Imrie, P. Tracadas, K. Mirzayev, Halliburton

## Conference Programme

1600 – 1630



### 06T Projects, Facilities and Construction / Regulatory Compliance / HSE (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Bagilya Karsybayeva, **NCOC**; Talgat Temirzhanov, **ILF Consulting Engineers**

Risk is an inherent part of the oil and gas industry and its proper management is vital for any project. As industry evolves and faces new challenges, timely integration of Risk management in early stages of projects, as well as adapting industry standards to the Kazakhstan needs become more important. This session unites Projects, Facilities, Regulatory and HSE presentations as they are strongly linked. Presented cases explore their interdependency and propose possible ways for integration.

Time	Paper #	Presentation
1600	202525	<b>Re-Visiting the Project Risk Management Framework and Adapting It for the Kazakh Oil and Gas Industry</b> M. Syzdykov, Satbayev University; T. Seitimov, AGIP Karachaganak; Z. Baibussinova, Satbayev University
1610	202526	<b>Wastes Injection Projects in North Caspian Sea Area</b> G. Galiyeva, NCOC N.V.; I. Gaz, former NCOC N.V.; L. Francia, M. Kuanyshkaliyeva, N. Yeskaliyev, NCOC N.V.
1620	202527	<b>Naval Architectural Challenges in Kashagan Oil Field Development</b> E. Putorti, G. Cuomo, NCOC; R. Bridges, TOTAL
Alternate		
	202562	<b>Risk factors for Oil and Gas Workers on the Offshore Ice-resistant Platform in the Caspian Sea</b> Y. Korneeva, Northern (Arctic) Federal University named after M.V. Lomonosov



### СОЮЗ НЕФТЕСЕРВИСНЫХ КОМПАНИЙ КАЗАХСТАНА (KAZSERVICE)

является информационно-диалоговой площадкой для более **200** НЕФТЕСЕРВИСНЫХ КОМПАНИЙ КАЗАХСТАНА

- **KAZSERVICE** работает над вовлечением отечественных компаний в крупные проекты расширения в рамках задач по увеличению доли местного содержания;
- **KAZSERVICE** организует ежегодные конференции, ставшие признанной площадкой для обсуждения актуальных и острых проблем, имеющих в отрасли;
- **KAZSERVICE** выпускает свой информационно-аналитический журнал, который рассказывает о текущих трендах и новостях в нефтесервисной отрасли Казахстана.



## Conference Programme

### Thursday 22 October

1100 – 1230

Plenary Panel 2



#### Hiring to Win: Education, Recruiting, and Talent Management in a More Competitive Energy Market

**Speaker(s):** Botagoz Serikbaevna Ashirbekova, Acting HR Director, **KMG**; Arman Kuibagarov, HR Director, **NCOC**; Davide Mazzucchelli, HR Controller, **KPO**; Dr Jennifer Miskimins, Petroleum Eng Dept, **Colorado School of Mines**; Robert Moore, General Manager, **Fluor**

In today's Energy landscape organisations need to build and maintain a high-performance workplace. They need to attract, identify, develop, engage, retain and deploy individuals who are considered particularly valuable to their organisation. An efficient and competitive recruitment process with a clear Employee Value Proposition will attract quality individuals, reduce attrition and improve productivity. However, the whole process of employment is a collaboration between the Employer and the mass market – education is key.

1245 – 1315



#### 07T Production and Operations II (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Khusain Oryngaliyev, **Tengizchevroil**; Nurlan Seilov, **NCOC**

Presenters will cover various oil and gas production topics and provide invaluable learnings based on hands on experience. They will talk about how surveillance data helped to make positive business decisions, how they overcame with wax and paraffin depositions and enhanced the integrity of wellhead choke valves. Moreover, you learn how they benefitted by application of plunger lift, conformance control completion and acid stimulation.

Time	Paper #	Presentation
1245	202522	<b>Integration of the Temperature Data for Control of Water Injection Conformance</b> F. Atakishiyev, A. Sheydayev, A. Zett, D. Zavyalov, L. Murray, BP
1255	202560	<b>A Study on New Copolymer Coated Material for Managing Paraffin Wax Deposition In Pipelines Production Operations</b> B. Mombekov, Satbayev University; S.A. Aliyu, I.B. Saaid, Universiti Teknologi Petronas; Z. Dairov, Satbayev University
1305	202519	<b>Conformance Control Completion Unlocks Production Horizons of Tengiz Field</b> A. Kamispayev, B. Saduakassov, J. Clarke, R. Manakhayev, A. Gazizova, Tengizchevroil LLP
Alternate		
	202560	<b>A Study on New Copolymer Coated Material for Managing Paraffin Wax Deposition In Pipelines Production Operations</b> B. Mombekov, Satbayev University; S.A. Aliyu, I.B. Saaid, Universiti Teknologi Petronas; Z. Dairov, Satbayev University

## Conference Programme

1245 – 1315



### O8T Drilling and Completions (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Nurgazy Branov, **Baker Hughes**; Alexandre Ridez, **Schlumberger**

Appropriate Drilling and Completions methods play a crucial role in making a pathway to hydrocarbon reservoirs. Many downhole challenges need to be overcome to successfully reach formation depth and later to complete a well. In this session, speakers will discuss and provide their solutions to various challenges such as pipe sticking, drilling in HP/HT wells, lost circulation as well as fluid properties and forecast of drilling issues. In addition to that, there will be posters related to fracturing techniques and interventionless production packer.

Time	Paper #	Presentation
1245	202510	<b>Managed Pressure Drilling as an Advanced Solution for Deep HTHP Wells and Long Intervals with Narrow Safe Pressure Limits</b> D.S. Krivolapov, A.V. Magda, T.B. Soroka, P.Y. Dobrokhleb, S.A. Evdokimov, G.G. Gagloyev, A.V. Novoselov, A.R. Ramazanov, M.S. Attia, Schlumberger; V.F. Zvyagin, R.I. Nabiullin, D.R. Khamidullin, Lukoil-Nizhnevolzhskneft
1255	202511	<b>Dynamic Proppant Settling: Viscoelastic Fluid Evaluation in Open Hole Gravel Packing in Extended Reach Wells</b> M. Chavez, C. Williams, R.D. Russell, Baker Hughes Company
1305	202512	<b>Well Planning and Operational Practices to Decrease Differential Sticking Risk in Tengiz Field, Kazakhstan</b> I. Tussupbayev, N. Tlepbergenov, K.J. Jung, I. Issayeva, M. Sargunanov, R. Manakhayev, Tengizchevroil

#### Alternates

	202546	<b>Drilling Problems Forecast System Based on Neural Network</b> S. Borozdin, Gubkin Russian State University of Oil and Gas; A. Dmitrievsky, N. Eremin, Oil and Gas Research Institute of Russian Academy of Sciences (OGRI RAS); A. Arkhipov, Gubkin Russian State University of Oil and Gas; A. Sboev, National Research Center "Kurchatov Institute"; O. Chashchina-Semenova, L. Fitzner, E. Safarova, Oil and Gas Research Institute of Russian Academy of Sciences (OGRI RAS)
	202547	<b>RFID Technology Expanded Into the Drilling Space With Particular Emphasis on Efficiencies</b> L. Pasimeni, I. Lukman, B. Tlepbergenov, A. Dadinov, T. Kabbasov, Y. Yeskairov, D. Zhumashev, A. Suleimenov, Karachaganak Petroleum Operating B.V.; A. Aliyeva, A. Zholdaskaliyev, A.S. Zainal Ariff, M.O. Okorie, Weatherford

## Conference Programme

1330 – 1400



### 09T Reservoir Description and Dynamics I (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Samat Kabdenov, **Tengizchevroil**; Ali Sheydeyev, **BP**

This session will focus on new and existing workflows and methodologies to enhance reservoir understanding, improve decision making, and optimise field production. The importance of subsurface data quality, its interpretation, and its further integration for model updates will be emphasised. Case studies will be presented covering a range of approaches and applications applied in the Caspian region leading to improved reservoir characterisation and performance prediction, efficient integration of the static and dynamic models, and development of novel tools for better understanding of well transient behaviour.

Time	Paper #	Presentation
1330	202528	<b>The Novel Approach to Pressure Transient Analysis in Highly Fractured Reservoirs: Case Study from Patardzeuli Field, Georgia</b> S. Ramatullayev, B. Akbayev, D. Tsaplin, J. Urazaliev, A. Goloborodko, Schlumberger
1340	202529	<b>A Robust Downscaling Method for Integration of Static and Dynamic Models</b> Y. Dair, D. Li, R. Saifutdinov, B. Yergaliyeva, G. Karabakiyeva, I.T. Ehighebolo, North Caspian Operating Company
1350	202567	<b>Effect of Pore Size Distribution on Phase Behavior of Sour Gas and Hydrocarbon Mixtures in Tight Oil Reservoirs</b> L. Wang, Nazarbayev University; J. Ismailova, Satbayev University; Y. Uteubayeva, KMG Engineering; J. Chen, RIPED, CNPC; K. Kunzharikova, KMG Engineering
Alternates		
	202566	<b>Waterflood Optimization Planning Based on MRT Analysis of Long-term Bottom-hole Pressure Records</b> B. Ganiev, A. Lutfullin, Tatneft; R. Farakhova, D. Gulyaev, L. Zinurov, Sofoil; a. Aslanyan, Nafta College
	202568	<b>Pressure Transient Analysis: Insight from Industry</b> A. Mukanov, D. Kassenov, A. Kudalsha, PetroKazakhstan Kumkol Resources JSC

## Conference Programme

1330 – 1400



### 10T E&P Geoscience and Formation Evaluation I (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Marat Nauryzgaliev, **NCOC**; Victor Babashev, **Timal Consulting Group**

As the era of light oil is passing away, the industry is faced with an ultimate challenge of not only finding new promising areas of hydrocarbon deposits, both by standard methods and new technologies, but also to maximise the extraction of hydrocarbons from existing fields through a better understanding of reservoir physics. In this session, you will see work on substantiation of the principles to search for new traps based on the analysis of salt tectonics compaction / movement in the Pri-Caspian basin. Next, new biomarker analysis technologies will be presented to identify related trap deposits and possible search for promising areas using hydrocarbon migration model based on examples from Pri-Caspian basin fields. The last presentation will be devoted to the study of the fractures influence on well performance in Kashagan offshore field in the northern part of the Caspian Sea.

Time	Paper #	Presentation
1330	202550	<b>Enabling Drillstem Testing in Ansagan Field in High-Pressure, High H2S Pre-Caspian Deep Wells</b> A. Burlibayev, M. Aimagambetov, Firm Almex Plus LLP; M. Kydatov, Y. Kaipov, P. Kumar, B. Akbayev, Schlumberger
1340	202514	<b>Integrating Biomarker Analysis with Carbon Stable Isotope Signatures for Genetic Classification and Tracing Possible Migration Pathways of Hydrocarbons of Pre-Caspian Basin</b> Y.S. Seitkhaziyev, R.N. Uteyev, N.D. Sarsenbekov, Atyrau branch of "KMG Engineering"; Y.T. Tassemenov, JSC "Embamunaygas"
1350	202581	<b>Optimization of Well Testing for Current Reserves Estimation with Modern Wireline Formation Testers and Open Hole Logs in Exploration Wells Drilled in High Porosity Sandstone Suprasalt Sediments Field</b> V. Blinov, A. Filimonov, S. Ramatullaev, Schlumberger; E. Tassemenov, S. Saparova, EmbaMunaiGas

## Conference Programme

1415 – 1445



### 11T Reservoir Description and Dynamics II (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Berik Uap, **NCOC**; Milovan Fustic, **Nazarbayev University**

Subsurface data collection and integration of them into static and dynamic models plays a vital role in various stages of the field development. The session showcases implementation of geological, geomechanical, petrophysical and surveillance data to enhance the understanding of reservoir performance and reducing the uncertainties on both green and brown fields. The detailed case studies highlight new field-proven methods and techniques on integration of static and dynamic reservoir data into different types of modelling approaches on several complex fields.

Time	Paper #	Presentation
1415	202570	<b>Numerical Calculation of the Pressure Drop and Saturation of Two-phase Flow Through Porous Medium</b> Z. Akasheva, B. Assilbekov, Satbayev University; A. Kudaikulov, Satbayev University; KBTU BIGSoft LLP; D. Bolysbek, Al-Farabi Kazakh National University
1425	202532	<b>Detailed Sector Model to Reconcile Surveillance Results and High-Permeability, Geologic, Features; Example from Kashagan Field, Kazakhstan</b> N.P. Stephens, North Caspian Operating Company (ExxonMobil Seconded); B. Yergaliyeva, A. Zhazbayeva, B.Uap, North Caspian Operating Company
1435	202533	<b>Methodology for Exploration Well Testing with ESP-DST in Caspian Sea. The Case Study in Unconsolidated Sandstone with Heavy Oil</b> I.Dosmukhambetov, B. Taubayev, U. Yesbolov, A. Sadykov, M. Shmalin, "Zhambyl Petroleum" LLP; B. Akbayev, Y. Kaipov, O. Amanbayev, B. Khaziev, Schlumberger

## Conference Programme

1415 – 1445



### 12T E&P Geoscience and Formation Evaluation II (LIVE Q&A DISCUSSION ONLY)

**Session Chairpersons:** Nathaniel Stephens, **NCOC**; Assem Bibolova, **Tengizchevroil**

During the development and production phases, geoscientists and formation evaluation experts are critical for characterising the reservoir architecture and describing the subsurface uncertainty. Geologic interpretation and subsurface data strive to reduce uncertainty through assessing risks and acquiring the appropriate data. However, the Caspian region's hydrocarbon reservoirs are challenging in terms of drilling and acquiring log data. This section will discuss modern approaches to drilling and logging to both maximise data acquisition and optimise the expected production of the wells.

Time	Paper #	Presentation
1415	202516	<b>Well Placement Helps to Manage Large Structural Uncertainty While Drilling a Horizontal Well in S. Nurzhanov Field, Show Case from Kazakhstan</b> K. Adilbekov, K. Kozov, E. Mukanov, I. Chzhen, Embamunaigas JSC; Y. Karychev, R. Nevzorov, A. Makhambetov, D. Ospanov, D. Shozhikov, A. Lukpanov, M. Medvedev, K. Alexeev, Schlumberger
1425	202517	<b>A Comprehensive Approach to Solving the Problem of Involving the Development of Hydrocarbon Reserves of the Eastern Ustyurt's Field</b> F. Yangaliev, O. Khodos, D. Maysyuk, I. Ushakov, Halliburton; F. Yangaliev, R. Yakubov, Natural Gas-Stream
1435	202518	<b>Use of Logging While Drilling Equipment in Washdown Mode Under Managed Pressure Drilling Conditions in Tengiz</b> R. Manakhayev, I. Tussupbayev, M. Sargunanov, N. Kalzhekov, G. Kulov, N. Tlepbergenov, Tengizchevroil

## Knowledge Sharing ePosters

Knowledge sharing ePosters are available on-demand throughout the event.

Paper #	Presentation
202584	<b>Improvements in Ice Thickness Measurements Techniques in Ice Environment</b> A.A. Tlepkaziyeva, APEC College; A.T. Yergaliyev, NCOC N.V.



## Conference Programme | Symposium: Caspian Health, Safety, Security, Environment and Social Responsibility

Thursday 22 October

1130 – 1200

Opening Keynote Address

**Speaker(s)** Annamaria Petrone, **SPE Technical Director**; Olav Skar, **IOGP**; Kairat Saktaganov, **KMG**

1215 – 1345



### Plenary Panel 1: Human Performance: Investing in the Best Culture and Practices

**Moderator(s)** Olav Skar, Safety Director, **IOGP**

**Speaker(s)** Kuanyshbek Mukhanov, HSSE Director, **NCOC**; Marcin Nazaruk, Human Performance & Culture Leader, **Baker Hughes**; Chris Parker, Human Factors and Human Performance Leader, **BP**; Aliya Yessentemirova, HSE Incident Investigation Team Lead, **Tengizchevroil**; Ilaria Zappacosta, Safety and Asset integrity Controller, **KPO**

Why is the strongest barrier to safety or adoption of best practices/policies individual human behaviour? Why do people not self-enforce or engage with the safety culture? One of the most interesting topics brought up recently in all industries, including the oil and gas business, is understanding how the business can be affected by and is deeply interconnected with human behaviour and human performance.

Human performance and human behaviour can deeply affect the business and the safety of an organisation. It is internationally recognised that human behaviour can represent either a preventive or mitigation barrier or, if seen in another perspective it can act as a deterioration mechanism on existing hardware and software barriers.

Human performance factors can play a critical role and contribute to accidents at the jobsite. It is important to recognise the hazards associated with human performance and manage them with the same rigorous approach dedicated to identifying assess and control occupational safety or process hazards.

Elements such as stress, tight deadlines and time pressure, fatigue, distance from home, lack of safety culture, inadequate ability and many others shall be taken in account. The biggest challenges are certainly represented by the difficulties in assessing Human performances and clearly understand how to change the behaviour from unsafe to safe. This panel is going to discuss possible strategies to promote safe behaviours and create a working environment where safety becomes embedded in the culture of the organisation and in the working attitude of all employees thus producing a mindset step change at all levels.

1400 – 1530



### Plenary Panel 2: Crisis Management and Emergency Preparedness

**Moderator(s)** Rinat Ospanov, **Shell**

**Speaker(s)** Kairat Saktaganov, HSE Director, **KMG**; Abzal Aitzhanov, OE Planning and Performance Manager, **Tengizchevroil**; Tahir Azhibekov, Planning & Performance Department Manager, Health, Safety & Environment, **ADNOC**; Peter Taylor, Manager, **OSPRI**; Ualikhan Zhanaissov, Operations Safety Integrity Manager, **NCOC**

From time to time the Industry has to cope with handling a global issue at local or national level. This may take the form of a health driven problem (pandemic), a natural disaster (flood, hurricane, earthquakes) or an operational matter (environmental incident, Spill, gas emissions). These incidents can occur anywhere in the world, but what does it mean to how the response is co-ordinated in relation to the change of key stakeholders/owners? Who has ultimate responsibility in the delivery of the solution and are they really in sole control? What are the inhibitors and accelerators to a successful result?

Are oil companies and critical stakeholders cooperating enough to develop strong and coherent emergency protocols that can lead to a consistent and stronger preparedness and response irrespective of who has to deliver the response and the area where the intervention is needed?

On top of that, can crisis be predicted and prevented? Are we proactive enough in putting in place strategies that can prevent a crisis before it strikes?

## Conference Programme | Symposium: Caspian Health, Safety, Security, Environment and Social Responsibility

1545 – 1715

### Plenary Panel 3: The COVID Transformation – How Covid Is Changing How We Work



**Moderator(s)** Ualikhan Zhanaissov, **NCOC**

**Speaker(s)** Nurash Azhigaliyev, Production Manager, **NCOC**; Mariana Carvalho, Safety & Health Committee Manager, **IOGP**; Dr Abelardo Chacon, Occ. Health and Medical Support Manager, **Eni**; Hans H. Berg, Regional Health Manager ERCIS, **Shell**; Kirsty Walker, Global Project Manager HSE Systems and Practices, **Schlumberger**;

A look at how COVID-19 has changed future working behaviours, environment, practices and how it has changed the Industry – greater adoption of digital services, technology, automation, innovation? Panellists will illustrate changes in how work is performed differently now in office and field environments, and share some of the most successful transformations in workplace activities prompted by COVID while maintaining operational efficiencies in the new normal.

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#### PUBLIC ASSOCIATION

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KAPG is Republican non-governmental association, a voluntary professional non-commercial organization established in 2009 to pursue common goals of petroleum geologists of Kazakhstan

#### Main objectives:

- **Creation of professional site for conferences and workshops on petroleum geology and geophysics;**
- **Dissemination and propagation of the most advanced scientific information and knowledge;**
- **Issue and presentation of special publications of proceedings, books, news-bulletin on petroleum geology and geophysics;**
- **Professional development and advanced trainings of specialists;**
- **Cooperation with authorities, establishments, governmental and public organizations, foreign and international associations, foundations.**

#### KAPG branches in all oil regions of Kazakhstan

Head office of KAPG is located in Atyrau, 43 A, Aiteke bi street, office 507. Tel.: +7 (7122) 30 41 28

## SPE Russia and Caspian Regional Student Development Summit 2020



Held annually alongside the SPE Caspian Technical Conference, the Regional Student Summit is for students from Russia and the Caspian region to give future specialists the opportunity to collaborate and work with international teams, meet industry professionals, ask questions, get career advice and understand the industry from the inside.

**This year the Summit will be held online.**

The summit will take place on 19–21 October 2020. Every day for four hours participants will work in groups to solve technical cases, communicate with professionals, discuss industry technology issues and career development opportunities during such a difficult time.

### Committee:

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For further information contact us at [spemos@spe.org](mailto:spemos@spe.org).



### SPE Energy4me Science Teachers Workshop

22 October 2020 | Online webinar

SPE Astana Section through its Energy4me programme will present a free, one-day online energy education workshop for Science Teachers. Educators will receive comprehensive, objective information about the scientific concepts of energy and its global significance while discovering the world of oil and natural gas exploration and production. The workshop will be in Russian language with Kazakh subtitles.

Visit [www.spe.org/events/en/2020/conference/20ctc/science-workshop.html](http://www.spe.org/events/en/2020/conference/20ctc/science-workshop.html) to register.  
Application deadline is 13 October 2020.

## General Information

**To register please visit the SPE events page at [go.spe.org/20ctc](http://go.spe.org/20ctc)**

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Once registered, you will receive an email from [registration@online-event.co.uk](mailto:registration@online-event.co.uk) with your login credentials. Registration for this event will remain open until 20 October 2020.

### Registration Fees

Full Conference Registration Member* Rate	GBP 375
Full Conference Registration Non-Member Rate	GBP 465
Author/Committee/Session Chair Rate	GBP 225
Student	GBP 25
SHSE (22 October) ONE DAY Member* Rate	GBP 100
SHSE (22 October) ONE DAY Non-Member Rate	GBP 150
Academic Rate (Faculty Members Only)	GBP 100
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Please note: Registration rates **do not** include UK VAT of 20%.

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### Full Conference Registration includes access to:

- Opening Session, Plenary and Technical session presentations including live Q&A with the technical authors
- Access to the SPE Symposium: Caspian Health, Safety, Security, Environment and Social Responsibility (SHSE)
- Access to the interactive Exhibition Area
- Access to the 'Resource and Information Hub'
- e-Poster presentations including Q&A with the technical authors
- 'On-Demand' content – gain access to all technical and e-Poster presentations up to 30 days after the event
- Networking Lounge – see who's online and connect with them!
- Conference Proceedings
- Audience polling and surveys

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SPE's regional awards recognise members who have made an Exceptional technical contribution, professional excellence, career achievement, service to colleagues, industry leadership, and public service. SPE is pleased to announce the following winners of the 2020 Russia and Caspian Regional Awards:

### Regional Completions Optimization and Technology Award

- Alexey Borisenko, Schlumberger

### Regional Distinguished Achievement Award for Petroleum Engineering Faculty

- Natalia Demchenko, Ukhta State Technical University

### Regional Distinguished Corporate Support Award

- Equinor Russia

### Regional Drilling Engineering Award

- Maxim Grigoryev, Novatek NTC

### Regional Formation Evaluation Award

- Aleksey Alekseev, Gazpromneft

### Regional Health, Safety, and Environment Award

- Marzhan Bisembaeva, TengizChevroil

### Regional Management and Information Award

- Ivan Kireev, Samara NIPIneft

### Regional Production and Operations Award

- Piatro Povzhyk, State Production Association Belorusneft

### Regional Projects, Facilities and Construction Award

- Svetlana Tretyakova, TengizChevroil

### Regional Public Service Award

- Guzel Vakhitova, Bashkir State University

### Regional Reservoir Description and Dynamics Award

- Rim Valiullin, GeoTec

### Regional Service Award

- Anton Ablaev, Schlumberger
- Alexei Vashkevich, Gazpromneft
- Eimear Bonner, Chevron Corporation
- Ruslan Sultanov, JSC Taas-Yuriakh Neftegazodobycha LLC

### Regional Sustainability and Stewardship in the Oil and Gas Industry Award

- Kevin Ricketts, Chevron Corporation

### Regional Young Member Outstanding Service Award

- Aynura Ismailova, Schlumberger
- Murat Syzdykov, Kazakh National Technical University

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Society of Petroleum Engineers

### About the Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose more than 153,000 members in 153 countries are engaged in oil and gas exploration and production. SPE is a key resource for technical knowledge providing publications, events, training courses, and online resources at [www.spe.org](http://www.spe.org).

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