



2020 油气田勘探与开发国际会议

International Field Exploration and Development Conference 2020

Acceptance Letter

To:

12 August. 2020

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2020 International Field Exploration & Development Conference (IFEDC), organized by Xi'an Shiyou University, Chengdu University of Technology and Shaanxi Petroleum Society will be held during September 23-25, 2020 in Chengdu, China.

Your abstract with a title of Oil Wellbore Strengthening: New Experimental and Theoretical Approaches is accepted by "*International Field Exploration & Development Conference 2020 Proceedings*" with a serial number of: IFEDC 20206371.

Please submit your proposed full paper and prepare to make a presentation PPT on IFEDC 2020 as a speaker. Thank you for your attention and support.

Regards.

IFEDC Organizing Committee

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Website: www.ifedc.org

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The Schedule of "International Field Exploration and Development Conference 2020"

Sep. 22nd. 2020	
07:00-20:00	Conference Registration (Location: The Longemont Hotel Chengdu)
Sep. 23rd.2020 (Morning) Location: Longemont Hotel Conference Center 1st Floor (Dragon Ballroom)	
08:15-08:30	<p style="text-align: center;">Opening Ceremony (Host: Li Hua, Xi'an Shiyou University, Professor, Vice Principal)</p> <p style="text-align: center;">Welcome speech by President Liu Qingyou of Chengdu University of Technology</p> <p style="text-align: center;">Speech by President Li Tiantai of Xi'an Shiyou University</p>
08:30-10:00	<p style="text-align: center;">Panel Keynote Session (6 International top experts or academician) (Host: Zhou Desheng)</p>
10:00-10:30	<p style="text-align: center;">Tea/Coffee Break and Online Seminar (Longemont Hotel Conference Center)</p>
Keynote Presentation	
<p>Host: Li Guoxin, Deputy General Manager, PetroChina Exploration and Production Company Zhang Rongjun, Director of Science and Technology Department, Xi'an Shiyou University</p>	
10:30-10:55	<p>Discussion on the Enrichment Law and Exploration Potential of Marine Shale Gas in Southern China.</p> <p>Guo Xusheng, Academician of Chinese Academy of Engineering, General Manager of Sinopec Exploration Company</p>
10:55-11:20	<p>Big data artificial intelligence research in geophysics, geology and oil reservoirs</p> <p>Chen Zhangxing, Academician of the Royal Academy of Sciences of Canada, Academician of the Academy of Engineering, Expert of Oil and Gas</p>

	Engineering, National Chair Professor of University of Calgary
11:20-11:40	Seismicity-Permeability Coupling in the Breaching and Sealing of Reservoirs and Seals Derek Elsworth, Pennsylvania State University, Distinguished Professor, Academician of National Academy Engineering
11:40-12:00	Reservoir Fluid Geodynamics: A Fundamentally New Approach to Reservoir Evaluation Oliver Mullins, Schlumberger Fellow and member, U.S. National Academy of Engineering.
12:00-14:00	Buffet and Lunch Break

I. Reservoir Exploration Technology

Time: Sep.23rd.2020 (Afternoon) - Sep.24th.2020 (Morning)

Location: Longemont Hotel Conference Center 2nd Floor (Jing'an Hall)

Executor: Sinopec Exploration Oilfield Company

Sep.23rd.2020 (Afternoon)	
Host: Jing Penggui, Chief Expert of Oil and Gas Exploration, Sinopec Exploration Company Lin Liangbiao, Chengdu University of Technology, Professor	
14:00-14:20	Triassic Skagerrak Formation Depositional Facies and Controls on Deeply Buried Reservoir Quality, Central Graben, Northern Sea Li Jianping, CNOOC Research Institute Ltd.
14:20-14:40	IFEDC Nuclear MAGNETIC Magnetic Resonance Application in Oil Fields in Putumayo, Colombia ZAMORA Mario, CEO, Mompos Oil Company INC
14:40-15:00	Geological characteristics and differences main controlling factors of Jurassic carbonate gas reservoirs in the eastern of Amu Darya Basin Ma Wenxin, Geologic Exploration & Development Research Institute; Chuanqing Drilling Engineering Co.LTD.
15:00-15:15	Lithology Identification and Validity Evaluation for Complex Carbonate Reservoir under Gypsolith Rock. Luo Julian, Changqing Division, China Petroleum Logging CO.LTD.
15:15-15:30	IFEDC Dynamic and Operational Risk at Oil Exploration and related Services, Human Reliability and Energy Efficiency Salvador Ávila Filho, UFBA – Federal University of Bahia, Professor and Researcher.

15:30-15:45	<p>IFEDC20206166</p> <p>Seismic 5D Interpretation Technique for Reef Identification</p> <p>Huang Ping, Exploration and Development Research Institute;PetroChina Southwest Oil and Gas Field Company, Senior Engineer.</p>
15:45-16:00	<p>IFEDC20205188</p> <p>Identification of Cretaceous Napo Fm M1ss sandstone pinch-out and its petroleum geological significance in Oriente Basin</p> <p>Ma Zhongzheng, Research Institute of Petroleum Exploration & Development, PetroChina; PHD, Senior Engineer.</p>
16:00-16:30	<p>Tea/Coffee Break and Eposter Session for Knowledge Sharing</p>
16:30-16:45	<p>IFEDC20205063</p> <p>Discovery and exploration significance of the large-scale northeast platform margin belt of the Dengying Formation of the Sinian system in Sichuan Basin</p> <p>Zhang Chen, Exploration and Development Research Institute of Petrochina Southwest Oil&Gasfield Company.</p>
16:45-17:00	<p>IFEDC20205303</p> <p>A Re-discussion on composite flower structure</p> <p>Jia Hongyi, Geophysical Research Institute of Shengli Oilfield Branch Co.Ltd.</p>
17:00-17:15	<p>IFEDC20205197</p> <p>Study and Application of Seismic Sedimentology in Paleogeomorphology Restoration.</p> <p>Li Xu, COMPANY BGP, CNPC</p>
17:15-17:30	<p>IFEDC20205965</p> <p>Challenges and countermeasures for deep-marine oil and gas reservoir prediction and hydrocarbon detection</p> <p>Li Gang, Southwest Petroleum University, Postdoctor.</p>
17:30-17:45	<p>IFEDC20205373</p> <p>Research on the Application of Ultrasonic Ranging and Single-chip Microcomputer Technology to Solve Problems of Oil Exploration Operation</p> <p>Xu Yongan, Senior Engineer, Eastern Geophysical Exploration Co., Ltd., CNPC.</p>
17:45-18:00	<p>IFEDC20206122</p> <p>Geophysical Techniques Promotes the Exploration of Lithologic Reservoir- Example of Qudi Oilfield in Jiyang Depression</p>

	Dong Dong, Luming Oil&Gas Exploration and Development Co., Ltd of Shengli Oil Field, SINOPEC. Cheif Expert.
18:30-20:30	Excellent Paper Award Ceremony
September 24, 2020 (morning)	
Moderator: Deng Zhiwen, Chief Technical Expert of PetroChina Eastern Geophysical Exploration Co., Ltd., academic committee member and reviewer of the conference Peng Chaoquan, Dean of the Southwest Institute of Geophysical Exploration, Eastern Geophysical Company, professor-level senior engineer	
08: 00-08: 20	IFEDC20205940 A Method of First break Positioning and Accuracy Evaluation Yang Haishen, Acquisition Technique Center;BGP Inc.;CNPC, Senior Engineer.
08: 20-08: 40	IFEDC20205702 Application of high-precision tomographic inversion static to seismic data in loess plateau area. Zhang Qiaoling, Changqing Branch,Geophysical Research Institute,BGP,CNPC.
08:40-09:00	IFEDC20205072 Genetic Classification and Hydrocarbon Potentiality of Passive Rift Basins Li Zhi, Research Institute of Petroleum Exploration & Development, PetroChina, Senior Engineer.
09:00-09:15	IFEDC20205196 Research and Application of High Precision Attenuation Gradient Oil and Gas Detection Technology for Multi-wave Seismic Data. Zou Wen, R&D Center, BGP, CNPC, PHD, Senior Engineer.

09:15-09:30	<p>IFEDC20206076</p> <p>Application of Seismic Motion Simulation Method in Reservoir Prediction of Complex Clastic</p> <p>Xie Chunlin, Exploration and Development Research Institute of Daqing Oilfield Company Ltd.; Senior Engineer.</p>
09:30-09:45	<p>IFEDC20205283</p> <p>Study on Seismic Imaging Forward Modeling of Fault Zone</p> <p>Huang Hanqing, Bureau of Geophysical Prospecting INC.; China National Petroleum Corporation.</p>
09:45-10:00	<p>IFEDC20205684</p> <p>A design method of 3D seismic observation system based on multi-dimensional illumination analysis: A case study of 3D full-azimuth seismic acquisition to deep shale gas in Southeast Area of Sichuan.</p> <p>Wang Jingbo, Sinopec exploration company, Associate researcher.</p>
10:00-10:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
10:30-10:45	<p>IFEDC20205689</p> <p>Oil-bearing logging Evaluation Method Based on NMR Volume Relaxation Characteristics: A Case Study of Permian Conglomerate Reservoir in Mahu Sag, Junggar Basin</p>
10:45-11:00	<p>IFEDC20205417</p> <p>Controlling Effects of Paleogeomorphology on Limestone Gas Reservoir of Marine&ndash;continent Transitional Facies --A Case Study from Limestone Gas Reservoir of Taiyuan Formation in Eastern Ordos Basin</p>
11:00-11:15	<p>IFEDC20205646</p> <p>Application of Research on Regional Basic Geological Law in Exploration and Reserves Increase of Jurassic Oil Reservoir in Yanwu Area, Ordos Basin</p> <p>Guo Jingzhe, Northwest University.</p>
11:15-11:30	<p>IFEDC20205530</p> <p>Wavelet Consistency Processing of Seismic Data Collected by Explosive and Vibroseis in Loess Plateau.</p> <p>Wu Deming, Changqing Branch of Geophysical Research Institute, BGP CNPC, Senior Engineer.</p>
11:30-11:45	<p>IFEDC20205810</p> <p>Seismic identification and prediction of Cretaceous Shushanhe thin reservoirs in Shenmu area, Wushi sag</p>

	Zhou Chenggang, Korla Branch of Geophysical Research Institute, BGP Inc.
11:45-12:00	IFEDC20205269 Application of Matching Pursuit Technique in Seismic Prediction of Sedimentary Microfacies. Xu Min, BGP Southwest Geophysical research institute
12:00-14:00	Buffet and Lunch Break

II. Reservoir Surveillance Technology

Time: September 23 (afternoon)-September 24 (morning), 2020

Venue: Longmont Hotel Conference Center, Second Floor (Songjiang Hall)

Organizer: Laboratory of Oil and Gas Reservoir Monitoring and Management, Xi'an Shiyou University

2020年9月23日（下午） September 23, 2020 (afternoon)	
Moderator: Tang Tianzhi, CNPC Logging Co., Ltd., Chief Engineer, Member of University Academic Committee, Vice Chairman of Conference Organizing Committee Wang Zuwen, PetroChina Chuanqing Drilling Changqing Downhole Technology Operation Company, Enterprise Level One Expert, Member of the Conference Academic Committee	
14:00-14:20	IFEDC20204818 Relationship between Detection Depth and Transmitting Frequency of Tansient Electromagnetic Logging Instrument. Zhang Shouwei, SINOPEC Shengli Oilfield Service Corporation Well Logging Company; Senior Engineer.
14:20-14:40	Quantum Tracer Production Logging-a new Quantitative Long-term Horizontal Well Production Detection Technology for Each Section. Xu Jianhua, GeoSplit China Business Development Director, PhD
14:40-15:00	IFEDC Improving Gas Reservoir Understanding by Using Deconvolution in Pressure Transient Analysis Minh Van Vo, CDB, Subsurface Manager
15:00-15:15	IFEDC20205745 Application and Effect of Dynamic Monitoring Technology System in Deep Gas Injection Development Reservoir. Zhang Liang, Research Institute of Exploration and Development in Tarim Oilfield Company.

15:15-15:30	<p>FEDC20206053</p> <p>Feasibility Study of Electromagnetic Monitoring of CO₂ Sequestration in Deep Reservoirs Using SQUID System.</p> <p>Li Weiqin, Southwest Petroleum university, Associate Professor.</p>
15:30-15:45	<p>IFEDC20204821</p> <p>Application and Technology of Water Position Identification in Casing Damage Well.</p> <p>Zhang Jinhai, Production Logging Center Of China Petroleum Logging Co.Ltd.</p>
15:45-16:00	<p>IFEDC20205422</p> <p>The research and application of a new interpretation chart--- Taking the ordovician majiagou formation in the eastern ordos basin as an example, Zeng Yanxiang, Geological Exploration and Development Research Institute of Chuanqing Drilling Engineering Ltd. CNPC</p>
16:00-16:30	<p>Tea/Coffee Break and Eposter Session for Knowledge Sharing</p>
16:30-16:45	<p>IFEDC20205797</p> <p>Application of Microseismic Monitoring Technology in Carbonate Reservoir—a Case Study in Western Yingxiongling Area of Qaidam Basin.</p> <p>Hengfeng, BGP, CNPC.</p>
16:45-17:00	<p>IFEDC20205223</p> <p>A Correction Method of Key Indexes for Crude Oil PVT Lab Experiments.</p> <p>Wu Hao, CNOOC International Limited.</p>
17:00-17:15	<p>IFEDC20205637</p> <p>Application of New Trace Chemical Tracer-based Gas Production Profile Testing Technology in Sulige Gasfield.</p> <p>Ding Mao, No.3 Gas Production plant,PetroChina Changqing Oilfield Company.</p>
17:15-17:30	<p>IFEDC</p> <p>Using Textural Parameters Automated Derived from Acoustic Image Logs to Enhance Reservoir Description</p> <p>Cesar Aguilar, PDVSA Petroleos de Venezuela S.A., Senior Petrophysics for PDVSA, Member of the SPE and SPWLA</p>
17:30-17:45	<p>IFEDC20205844</p> <p>Application of New Interwell Monitoring Technique in Medium-low Porosity and Permeability Reservoir</p> <p>Xu Chengyu, Research Institute of Petroleum Exploration, Tarim Oilfield Company, PetroChina.</p>

17:45-18:00	<p>IFEDC20205570</p> <p>The Application of Climbing-free Tight Blowout Prevention Plug Device on Conventional Well Test Blowout Prevention Pipe.</p> <p>Yu Guojiang, No.8 Oil Production Plant of Daqing Oilfield Co., Ltd.; Oil production testing skills expert.</p>
18:30-20:30	Excellent Paper Award Ceremony

III. Reservoir Evaluation and Modeling Techniques

Time: September 23 (afternoon)-September 24 (afternoon), 2020

Location: Longemont Hotel Conference Center (Chang'ning Hall)

Sponsor: Engineering Research Center of Ministry of Education for the Development and Treatment of Western Low Permeability-Ultra-low Permeability Reservoir

September 23, 2020 (Afternoon)	
<p>Host:</p> <p>Cai Mingjun, CNPC Dagang Oilfield Company, Chief Expert, Professor-level Senior Engineer, Conference Reviewer</p> <p>Xia Hongquan, Southwest Petroleum University, Professor, Conference Reviewer</p>	
14:00-14:20	<p>IFEDC20205464</p> <p>A New Spectrometer for Composition Analysis of Downhole Fluids</p> <p>Zuo Youxiang, COSL, Professor, Senior Engineer, Special Expert.</p>
14:20-14:40	<p>IFEDC</p> <p>New Approaches of Porosity-Permeability Estimations and Quality Factor(Q) Characterization based on Sonic Velocity, Critical Porosity, and Rock Typing</p> <p>Muhammad Nur Akbar, Principal Consultant, MOL Group Hungary</p>

14:40-15:00	<p>IFEDC20205471</p> <p>Reservoir characteristics and main controlling factors in Mixed Sedimentary Background: A Case Study from Asmari Formation of N Oilfield, Middle East.</p> <p>Wang Long, CNOOC International Ltd, Senior Engineer.</p>
15:00-15:20	<p>IFEDC20205656</p> <p>Low Resistivity Pay Zones Evaluation in South Sumatra Basin , Indonesia: In Integrated Method</p> <p>Li Ming, Research Institute of Petroleum Exploration&Development,PetroChina</p>
15:20-15:40	<p>IFEDC20205292</p> <p>Control of Fault Related Folds on Fracture Development in Kuqa Depression, Tarim Basin.</p> <p>Zhang Yongzhong, PetroChina Research Institute of Petroleum Exploration & Development; PHD, Senior Engineer.</p>
15:40-16:00	<p>IFEDC</p> <p>Diagenetic impacts on evolution of porosity in carbonate reservoirs: a study of middle Jurassic carbonates of Upper Indus Basin, Pakistan</p> <p>Bilal Wadood, Lecturer, Department of Geology, University of Swabi, Pakistan</p>
16:00-16:30	<p>Tea/Coffee Break and E-poster Session for Knowledge Sharing</p>
16:30-16:55	<p>IFEDC20206312</p> <p>Fine Stratigraphic Correlation Methods and Application of Horizontal Wells of Strongly Heterogeneous Porous Bioclastic Limestone Reservoir ----A case study of Kh porous bioclastic limestone reservoir, Middle-east</p> <p>Tian Zhongyuan, PetroChina Research Institute of Petroleum Exploration & Development, Senior Engineer.</p>
16:55-17:20	<p>IFEDC20205001</p> <p>Evolution of the geomorphology and depositional environment of deep-water channels: A case study of the Miocene channels in the Lower Congo Basin, West Africa.</p> <p>Li Quan, CNOOC INTERNATIONAL LIMITED, PHD, Senior Engineer.</p>
17:20-17:40	<p>IFEDC20205685</p> <p>Quantitative Azimuthal AVO Detection Method for Oil and Gas Analysis of Deep Buried Fractured-vuggy Reservoir.</p> <p>Li Xiangwen, China University of Petroleum-Beijing, BGP INC., CNPC, Senior Engineer.</p>

17:40-18:00	<p>IFEDC Advances in Multiphase Characterization of Complex Reservoirs and its Potential Business Impacts Flavio C. Ferreira, Rock and Flow Consulting Services B.V., Reservoir Engineering Consultant</p>
18:30-20:30	Excellent Paper Award Ceremony
<p>2020年9月24日（上午） September 24, 2020 (morning)</p>	
<p>Host: Zuo Youxiang, Oilfield Technology Division of China Oilfield Services Co., Ltd., professor-level senior engineer, distinguished expert, conference reviewer Wu Gang, Research Institute of Exploration and Development, Sinopec Shengli Oilfield Company, Researcher, Academy Expert, Conference Reviewer</p>	
08:00-08:20	<p>IFEDC20206155 The Evaluation Method of Reservoir Saturation Based on NMR Logging. Liu Wei, Shengli Well Logging Company, PHD, Senior Engineer.</p>
08:20-08:40	<p>IFEDC20205909 Study on fault-sand control model and development potential in Fuyu reservoir, Daqing Xingbei. Hu Shuo, Daqing Oilfield Company Limited NO.4 Oil Production Plant.</p>
08:40-09:00	<p>IFEDC20206164 Application of multi-information fusion fracture modeling based on neural network in carbonate dual- medium reservoir. Dan Lingling, CNOOC Energy Technology-Drilling&Production Company, oil exploitation geology Engineer.</p>
09:00-09:20	<p>IFEDC20205664 Research of Initial and Limit Condition About Non-steady State Relative Permeability Experiment Lv Jing, Postdoctoral Work Station of Shengli Oilfield , Sinopec;</p>
09:20-09:40	<p>IFEDC20204876 The influence of microbial community on oil reservoir: a case study of Mesozoic natural gas in Pengyang area, Ordos Basin, NW China Liu Xin, Institute of Sedimentary Geology, Chengdu University of Technology;</p>

	2a Exploration & Development Research Institute of PetroChina Changqing Oilfield Company, Senior Engineer.
09:40-10:00	IFEDC20204873 Genesis mechanism of Deepwater Sand Bodies and Exploration Direction in Baiyun sag, South China Sea Wang Yongfeng, Sinopec Management Institute.
10:00-10:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
10:30-10:55	IFEDC20205992 Prediction of thin sand in tight reservoir based on well-seismic data Wang Jie, BGP, CNPC, Senior Engineer.
10:55-11:20	IFEDC20205711 Research and Application of Geological Modeling and Numerical Simulation Integration Technology in Unconformity Reservoir. Yang Hongwei, Geophysical Research Institute of Shengli Oil Field, Chief Expert, Senior Engineer.
11:20-11:40	IFEDC20206206 The Features of Thin Layer Low Resistance Hidden Reservoir and Its Main Development Issues: A Case Study of DK Oil Field Liang Xiuguang, Research Institute of Petroleum Exploration and Development, Senior Engineer.
11:40-12:00	IFEDC20205263 Study on Establishment Time-changing Oil-water Distribution Model with Composite Parameters. Liu Ynayu, The Geology Institute No.6 Oil Production Site Dagang Oilfields Company.
12:00-14:00	Buffet and Lunch Break
September 24, 2020 (afternoon)	
Host: Wang Ruifei, Xi'an Shiyou University, Professor, Conference Reviewer Tian Zhongyuan, China Petroleum Exploration and Development Research Institute, senior engineer,	

enterprise technical expert, conference review expert	
14:00-14:30	<p>IFEDC20204990</p> <p>Quantitative assessment of fault gas-sealing capacity and its application in oilfield development.</p> <p>Wu Gang, Exploration and Development Research Institute;Shengli Oilfield Company;SINOPEC;</p>
14:30-15:00	<p>IFEDC20205017</p> <p>Causes of Chang 8 dense reservoir of the northeastern sedimentary system in Ordos Basin.</p> <p>Ye Bo, Exploration and Development Research Institute of Petrochina Changqing Oilfield Company, Senior Engineer.</p>
15:00-15:20	<p>IFEDC20205225</p> <p>Adaptability of Equation of State and Viscosity Model to Bohai Crude Oil.</p> <p>Wu Hao, CNOOC International Limited.</p>
15:20-15:40	<p>IFEDC20205678</p> <p>Reservoir Characteristics and Main Controlling Factors of Shaximiao Formation in North Central Sichuan.</p> <p>Wang Shenjian, Chengdu University of science and technology, College of energy/Petroleum Engineering College of Guangdong Institute of petroleum and chemical engineering, Senior Engineer.</p>
15:40-16:00	<p>IFEDC20205904</p> <p>Quantitative Characterization of Rock Type of Pore Type Bioclastic Limestone Reservoir in Middle East.</p> <p>Wang Genjiu, RIPED.</p>
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:55	<p>IFEDC20205306</p> <p>Research and Application of Fast Forward and Inversion Method for LWD Azimuthal Gamma-Ray Image.</p> <p>Wu Youbin, Applied Research Institute China Petroleum Logging CO LTD.</p>
16:55-17:15	<p>IFEDC20205135</p> <p>Productivity Test and Evaluation at the Plan Implementation Stage in Deep-sea Turbidite Sandstone Oilfield in West Africa.</p> <p>Yuan Zhiwang, School of Energy Resources, China University of Geosciences (Beijing); CNOOC Research Institute Co., Ltd. Senior Engineer.</p>

17:15-17:40	IFEDC20204890 Carbonate reservoir characteristics and its effects on water flooding development of the M Formation in B Oilfield, Iraq. Chen Peiyuan, CNOOC International Limited.
17:40-18:00	IFEDC20205522 Study on Fine Characterization of Individual Reservoir Body for Stratified Carbonate Reservoir. Wei Jiamin, Research Institute of Exploration and Development, Xinjiang Oilfield Company.
18:00-20:00	Buffet Dinner

IV. Reservoir Dynamic Analysis and Management

Time: September 23 (afternoon)-September 24 (afternoon), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Hongkou Hall)

Organizer: Southwest Oil and Gas Field Exploration and Development Research Institute

September 23, 2020 (Afternoon)	
Host: Feng Xi, Southwest Oil and Gas Field Exploration and Development Research Institute, enterprise technical expert, professor-level senior engineer Peng Ping, Southwest Oil and Gas Field Exploration and Development Research Institute, First Class Engineer, Senior Engineer	
14:00-14:20	Waterflooding characteristics of porous carbonate reservoir: A case of B oilfield, Iraq. Pi Jian, CNOOC International Co., Ltd. Senior Engineer.
14:20-14:40	IFEDC Model-Based Systems Engineering Applied to Reservoir Management Miguel Angel Maruri Carballo, Blue Bull Energy LLC, Director
14:40-15:00	IFEDC20205176 A Method for Determining Reasonable Producing pressure drop of Gas Wells Considering Water Control Factors Luo Ruilan, Research Institute of Petroleum Exploration & Development, PetroChina, Senior Engineer.
15:00-15:20	IFEDC Hydrocarbon Accounting & Production Data Management implementation in Brazil Pre-Salt Assets Ricardo Cordeiro, Total Brazil, Production Engineer
15:20-15:40	IFEDC20205619 Research method of producing degree of water drive reserves in carbonate reservoir. Zheng Qiang, Research Institute of Exploration and Development;Xinjiang

	Oilfield Company;PetroChina.
15:40-16:00	IFEDC Reservoir Management, Surveillance, and Integration: Characteristics of Value Richard W Smith, Maersk Oil in Denmark, Licensed Professional Petroleum Engineer
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:50	IFEDC Fatigue Test Analysis of Caprock of Xiangguosi Gas Storage Liu Fei, Senior Engineer, PetroChina Southwest Oil and Gas Field Exploration and Development Research Institute
16:50-17:10	IFEDC20205289 Reasonable injection pressure of buried hill fractures reservoir considering stress sensitive effect. Xiao Kang, Research Institute of Petroleum Exploration and Development (RIPED); PHD, Senior Engineer.
17:10-17:30	IFEDC20204831 Application of observation well temperature monitoring technology in and oil sand SAGD development. Wu Jing, CNOOC International Limited.
17:30-17:45	IFEDC Research on Early Gas Well Productivity Evaluation Method of Sinian Gas Reservoir Development in Gaoshiti-Moxi Block Zhao Xiang, Exploration and Development Research Institute of Southwest Oil and Gas Field Company.
17:45-18:00	IFEDC20205990 Q-P Method for Reservoir Energy Analysis. Sun Tianyi, No.1 Oil Production Company in Daqing Oil Field CNPC.
18:30-20:30	Excellent Paper Award Ceremony
September 24, 2020 (Morning)	

Host: Dou Hongen, China Petroleum Exploration and Development Research Institute, professor-level senior engineer, conference review expert Liu Yicheng, Southwest Oil and Gas Field Exploration and Development Research Institute, first-class engineer, professor-level senior engineer	
08:00-08:20	IFEDC20205379 Adaptability evaluation and adjustment of well pattern in Zhahaquan Oilfield. Zhou Yan, Research Institute of Exploration and Development, Qinghai Oilfield Company, Petrochina.
08:20-08:40	IFEDC20205494 Effect of Gas Reservoir Pressure Depletion on Capillary Pressure. Wang Lin, 1 Chengdu University of Technology; 2 Guangdong University of Petrochemical Technology; PHD.
08:40-09:00	IFEDC20206058 Special evaluation method of water-flooded zone in porous carbonate reservoir using resistivity curve comparison: A case from middle east. Chen Yihang, PetroChina Research Institute of Petroleum Exploration & Development.
09:00-09:20	IFEDC Application of an optimization-based workflow for different field development optimization tasks Jerome E Onwunalu, Thedibia Reservoir Solutions, Reservoir Engineer
09:20-09:40	IFEDC A New Method for Calculating Productivity of Gas Reservoir in Shiqixia Formation Wu Tingting, Exploration and Development Research Institute of PetroChina Southwest Oil and Gas Field Company.
09:40-10:00	IFEDC Reservoir Management and Reservoir Dynamic Description Hassan Aharipour, Exploration & Production, IOEC, E&P Senior Petrophysicist
10:00-10:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
10:30-10:50	IFEDC20206319 Influencing Factors and Coordinated Development Parameter Optimization of Cyclic gas Injection Development for Reservoirs with Condensate Gas Cap.

	Jiang Jun, Exploration and Development Research Institute of PetroChina Southwest Oil and Gas Field Company.
10:50-11:10	IFEDC20206111 Research on Acid Etched Fracture Conductivity Varying with Time. Huang Jing, CNOOC Research Institute.
11:10-11:30	IFEDC Robust Decision-Making in Oilfield Operations Under Uncertainty in Oil Price and in Geological Description of the Reservoir David Echeverría Ciaurr, Urbasa Energetica LLC, Chief Researcher and Owner
11:30-11:45	IFEDC20205400 Study on Evaluation for Tracking Oil Field Productivity Construction Project Benefit. Chen Chao, Liaohe Oilfield Exploration and Development Research Institut.
12:00-14:00	Buffet and lunch break
September 24, 2020 (afternoon)	
Host: Cheng Linsong, China University of Petroleum (Beijing), Professor, Conference Reviewer Xia Chongshuang, Exploration and Development Research Institute of PetroChina Southwest Oil and Gas Field Company, First Class Engineer, Senior Engineer	
14:00-14:20	IFEDC20205222 Quantitative Study on Nitrogen Stimulation Parameters of Single Well in the Carbonate Reservoir. Ge Xing, Research Institute of Exploration and Production, Northwest Branch Company, SINOPEC, Urumqi.
14:20-14:40	IFEDC20205386 Analysis of production characteristics of reservoirs with different fluid properties and adjustment measures. Liu Jian, Research Institute of Petroleum Exploration and Development; Senior Engineer.
14:40-15:00	IFEDC20205616 Calculation of Multicomponent Gas-Gas and Gas-Liquid Diffusion Coefficient in Porous Media.

	Wang Zidun, PetroChina Tarim Oilfield Company.
15:00-15:15	IFEDC20205871 Reservoir production optimal control using parameterization method and general upscaling stochastic approximation algorithm. Lei Zhanxiang, Research Institute of Petroleum Exploration & Development, Beijing 100083, China.
15:15-15:30	IFEDC20205427 Study on the method of improving the history matching efficiency by splitting large numerical model of water flooding reservoir. Wang Yan, Research Institute of Exploration and Development.
15:30-15:45	IFEDC20205375 Application of Multi-thin Layer Limited Entry Fracturing Technique On Direction wells near the Fault Song Zhansheng, NO.5 Production Plant of Daqing oilfield.
15:45-16:00	IFEDC20205778 Fine history matching technology for sandstone reservoir with multi reservoir and dense well pattern And “research and application integration” working mode Chen Wenruo, Geological Brigade of the second oil production plant of Daqing Oilfield Co. ;Ltd.
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:50	IFEDC20206035 Integrated Development Strategy and Case Studies of Over-pressured Carbonate Reservoirs Containing with H ₂ S. Hu Dandan, RIPED, CNPC;
16:50-17:10	IFEDC20205998 Simulation Experiment of Equilibrium Displacement in Conglomerate Reservoir. Sun Renyuan, School of Petroleum Engineering, China University of Petroleum (East China); Professor.
17:10-17:30	IFEDC20205566 Discussion on the relationship between test oil well and development well production of Putaohua reservoir in the SZ region.

	Ji Yuan, No.8 Oil Production Company, Daqing Oilfield Limited Company.
17:30-17:45	IFEDC20204909 <i>The Production Testing Characteristics of Gas Reservoir in the Middle Permian of Southwest Sichuan.</i> Zhou Jichun, Northwest Division of Petrochina Southwest Oil & Gas Field Company.
17:45-18:00	IFEDC20205828 <i>Controlling Factors Analysis and Risk Assessment of Casing Damage.</i> Gao Ang, Daqing International Exploration and Development Company.
18:00-20:00	Buffet and Dinner

V. Reservoir Description and Remaining Oil Characterization

Time: September 23 (afternoon)-September 24 (morning), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Chongming Hall)
Shandong Provincial Key Laboratory of Reservoir Geology

September 23, 2020 (afternoon)	
Host: Liu Lihui, geophysical expert, visiting professor at Yangtze University and Chengdu University of Technology Ren Lihua, China University of Petroleum (East China), Associate Professor, Master Tutor	
14:00-14:30	IFEDC Seismic Sedimentary Characterization of Massive Media Deposits Liu Lihui (General Manager of Beijing Noxida Petroleum Technology Company, Geophysical Expert, Guest Professor of Yangtze University and Chengdu University of Technology)

14:30-15:00	<p>IFEDC</p> <p>Seismic Sedimentary Characterization of Massive Media Deposits</p> <p>Liu Lihui (General Manager of Beijing Noxida Petroleum Technology Company, Geophysical Expert, Guest Professor of Yangtze University and Chengdu University of Technology)</p>
15:00-15:20	<p>IFEDC20205981</p> <p>Remote Sensing Study on the Deposition of Modern Coarse Grain Fans in Bosten Lake, Yanqi Basin.</p> <p>Zhou Hongying, Research Institute of Petroleum Exploration & Development, PetroChina; Senior Engineer.</p>
15:20-15:40	<p>IFEDC20205393</p> <p>Identification of Dominant Channel of Water Flow and Study of Remaining Oil in Carbonate Reservoir.</p> <p>Zhang Youyin, Research Institute of Exploration & Development, Senior Engineer.</p>
15:40-16:00	<p>IFEDC20205916</p> <p>Strategies for Potential Tapping of Remaining Oil in Sandstone Reservoir Based on Flow Unit Research.</p> <p>Wang Jincai, EtroChina Research Institute of Petroleum Exploration & Development, PHD, Senior Engineer.</p>
16:00-16:30	<p>Tea/Coffee Break and Eposter Session for Knowledge Sharing</p>
16:30-16:50	<p>IFEDC20205392</p> <p>Remaining Oil Mining Technology of Tazhong 4 Oilfield Based on Multidisciplinary Integration Research.</p> <p>Yu Bing, Logging application research institute of China Petroleum Logging co.;</p>
16:50-17:10	<p>IFEDC20206064</p> <p>Experimental investigation on the characteristics of interface electricity and wettability between sandstone clay minerals and smart salinity water.</p> <p>Wei Xuemei, China University of Petroleum (East China), Senior Engineer.</p>
17:10-17:30	<p>IFEDC20206147</p> <p>Application of the technology of fine fault identification with multi-information integration in an old oilfield block, southwest of Qaidam Basin.</p> <p>Zhao Shiquan, BGP.</p>

17:30-17:45	<p>IFEDC20205774</p> <p>Application of deep learning algorithm in automatic recognition of 3D seismic facies.</p> <p>Wang Yuelel, Shengli Oilfield Company Ltd.</p>
17:45-18:00	<p>IFEDC20205241</p> <p>Lithologic reservoir identification and remaining oil prediction technology in Chunguang Oilfield</p> <p>Research Institute of Exploration and Development</p>
September 24, 2020 (morning)	
<p>Moderator: Zhang Xianguo, Associate Professor, China University of Petroleum (East China), Director of the Low Permeability Research Office of CNPC Key Laboratory of Oil and Gas Reservoir</p> <p>Ren Lihua, China University of Petroleum (East China), Associate Professor, Master Supervisor</p>	
08:00-08:30	<p>IFEDC</p> <p>Reservoir configuration of braided river center beach: from outcrop to underground</p> <p>Zhang Xianguo (Associate Professor, China University of Petroleum (East China), Director of Low Permeability Research Office of CNPC Key Laboratory of Oil and Gas Reservoir)</p>
08:30-09:00	<p>IFEDC</p> <p>Formation and evolution of remaining oil during development</p> <p>Ren Lihua, China University of Petroleum (East China), Associate Professor, Master Supervisor</p>
09:00-09:20	<p>IFEDC20205979</p> <p>Fine Characterization of The Tidal-controlled Delta Sedimentary System: Taking The Lower Part of The Cretaceous Tanopqin Formation of The ST Gas Field In The Western Siberian Basin As An Example.</p> <p>Chen Yefei, Research Institute of Petroleum Exploration and Development, PetroChina; Associate Professor, Senior Engineer.</p>
09:20-09:40	<p>IFEDC20205879</p> <p>Construction of high-precision sequence stratigraphic framework based on the method of standardization of sequence stratigraphy.</p> <p>Li Qi, 1. School of Geosciences, Chinese university of Petroleum, Shandong, Qingdao 266580, China 2. Shandong Province Key Laboratory of Reservoir</p>

	Geology, Shandong, Qingdao 266580, China.
09:40-10:00	<p>IFEDC20205989</p> <p>Analysis of Influencing Factors of Gas Saturation Computation by Capillary Pressure Data.</p> <p>Bai Xiaojia, Research institute of exploration and development in Tarim oilfield.</p>
10:00-10:30	Tea/Coffee Break and Eposter Session for Knowledge Sharing
10:30-10:50	<p>IFEDC20204970</p> <p>Fine Characterization of Saturation in Heterogeneity Reservoir.</p> <p>Yang Xupu, CNOOC International Limited, Senior Engineer.</p>
10:50-11:10	<p>IFEDC20205583</p> <p>Application Effect of Well Seismic Reservoir Prediction Technique in Middle and Later Period of Oilfield.</p> <p>Pei Xiuling, Geological brigade of the sixth oil production plant of daqing oilfield, Senior Engineer.</p>
11:10-11:35	<p>IFEDC20205704</p> <p>Research on Integration Method of Well, Seismic and Dynamic Data for Describing the Reservoir Structure Accurately by Taking the Bin17 Block of Pingfang Oilfield for Example.</p> <p>Han Zhiying, Geophysical Research Institute of Shengli Oilfield Branch Co.Ltd.</p>
11:35-12:00	<p>IFEDC</p> <p>Reservoir characteristics and controlling factors of Feixianguan Formation in Luojiashai Gas Field, Northeast Sichuan</p> <p>Li Wen, PetroChina Southwest Oil and Gas Field Exploration and Development Research Institute.</p>
12:00-14:00	Buffet and Lunch Break

VI. Drilling and EOR

Time: September 23 (afternoon)-September 25 (morning), 2020

Venue: Longmont Hotel Conference Center 2nd Floor (Huangpu Hall)

Organizer: National Engineering Laboratory of Oil and Gas Drilling Technology

September 23, 2020 (afternoon)	
Moderator: Yang Yuping, Deputy Director and Director of Major Project Office of China Petroleum Engineering Technology Research Institute, Professor-level Senior Engineer Wang Yonghong, Deputy Director, Senior Engineer, Institute of Downhole Operations, China Petroleum Engineering Technology Research Institute	
14:00-14:15	IFEDC20205456 Feasibility and mechanic well configuration design on the electrical heating assisted steam huff & puff in horizontal wells. Wu Yongbin, Research Inst. of Petroleum Exploration & Development;CNPC; Senior Engineer.
14:15-14:30	IFEDC Visualized Study on the Influence of Fracture Wall Characteristics and Rock Types on Proppant Transmission Huang Hai, Deputy Dean, School of Petroleum Engineering, Xi'an Shiyou University
14:30-14:45	IFEDC Sacrificial Agent Reduces the Adsorption of Surfactant on Carbonate Surface under High Temperature and Salt Environment Wang Ying, Senior Petroleum Engineer, Saudi Aramco Beijing R&D Center
14:45-15:00	IFEDC20205474 The Practice and Prospect of Dynamic Flexible Control Technology for Beam Pumping Unit. Chang Ruiqing, Research Institute of Oil Production Engineering; Senior

	Engineer.
15:00-15:15	IFEDC A New Hybrid Enhanced Oil Recovery Process Using Smart Water and Foam Injection in Carbonate Reservoirs Anas M Hassan, Delft University of Technology (TU-Delft), Researcher
15:15-15:30	IFEDC20204899 The study on the oil displacement performance of a new type of polymer with high temperature and hydrolysis resistance. Xu Hui, Exploration and Development Research Institute of Sinopec Shengli Oilfield Branch, Senior Engineer.
15:30-15:45	IFEDC20205338 Study on Multi-stage Massive Refracturing Technology Optimization of Casing Damaged Wells Production Technology Institute of Daqing Oilfield CO.LTD.
15:45-16:00	Estimating Near-Wellbore Cooling Due to Drilling Circulation and its Effect on Drill Stem Test A. Rashid Hasan, Texas A&M University, Professor
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:50	IFEDC20206150 Percolation Feature of Branched Preformed Particle Gel in Porous Media Jiang Zuming, Exploration and Development Research Institute of Shengli Oilfield Company;SINOPEC; Senior Engineer.
16:50-17:10	IFEDC Thermal Recovery Effect Analysis At Tishreen-West heavy oil Field-Syria Najeh Alali, Dean, Al-Ayen University, Nasiriyah, Iraq.
17:10-17:30	IFEDC20204925 Temporary Plugging Performance of an Intelligent Liquid Gel with Magnetorheological Fluid. Si Xiaodong, Key Laboratory of Unconventional Oil & Gas Development (China University of Petroleum (East China)).
17:30-17:45	IFEDC Experimental and Numerical Simulation Research on Imbibition Efficiency of Carbonate Reservoir

	Qi Ziyuan, Senior Petroleum Engineer, Saudi Aramco Beijing R&D Center
17:45-18:00	IFEDC20204843 Simulation Analysis of a New Type of Combined Double Jet Nozzle Flow Field Li Haicheng, Daqing Oilfield Production Engineering & Research Institute; Senior Engineer.
18:30-20:30	Excellent Paper Award Ceremony
September 24, 2020 (morning)	
Host: Zhang Quanli, Director, Senior Engineer, Drilling Machinery Research Institute, China Petroleum Engineering Technology Research Institute Ge Yunhu a, deputy director of the Institute of Planning and Support, China Petroleum Engineering Technology Research Institute, professor-level senior engineer	
08:00-08:20	IFEDC20205938 The Development and Field Application of China Offshore Chemical EOR Technology. Li Baozhen, CNOOC Research Institute CO., Ltd, Senior Engineer.
08:20-08:40	IFEDC20206371 Oil Wellbore Strengthening: New Experimental and Theoretical Approaches Musaed N. J. AlAwad, Petroleum and Natural Gas Engineering Department, College of Engineering, King Saud University, Riyadh, Saudi Arabia, Vice Dean for Development and Quality
08:40-09:00	IFEDC20205786 Study on the influence of Oil-water Interfacial Tension on the Displacement of General Heavy Oil Yu Qun, Exploration and Development Research Institute of Shengli Oilfield Company of Sinopec.
09:00-09:15	IFEDC20206172 Dynamical Viscosity Reduction Characteristics in Porous Media by Physical Simulation. Shi Jing, Exploration and Development Research Institute of Shengli Oilfield Company;SINOPEC; Senior Engineer.

09:15-09:30	<p>IFEDC20204938</p> <p>Buckling behavior of Connecting back 193.68mm Technical Casing String in the Ultra Deep Well over 8000m</p> <p>Li Fei, Institute of Engineering Technology of Sinopec Northwest Oilfield Branch.</p>
09:30-09:45	<p>IFEDC20206117</p> <p>Prospective Study of Drilling Fluid Cooling Technology Based on Phase Change Materials</p> <p>Zhao Hongxiang, Drilling Technology Research Institute of Shengli Petroleum Engineering Corporation Limited, SINOPEC</p>
09:45-10:00	<p>IFEDC</p> <p>Feasibility Study of Steam Injection in Unconsolidated Sandstone Reservoir Rock in Mature Oil Fields (Germany)</p> <p>Sammar Haider Kazmi Syed, Neptune Energy Germany, Reservoir Engineer and Reserves Management</p>
10:00-10:30	<p>Tea/Coffee Break and E-poster Session for Knowledge Sharing</p>
10:30-10:45	<p>IFEDC20205627</p> <p><i>Discussion on the Causes and Countermeasures of Injection Difficulties in the Middle and Late Stage of Strong Alkali ASP Flooding in Xing A Block, Daqing Oilfield.</i></p> <p>Dong Lijun, No.4 Oil Production Company of Daqing Oilfield.</p>
10:45-11:00	<p>IFEDC</p> <p>Application Progress and Development Trend of Low-field Nuclear Magnetic Resonance Technology in EOR Experiment</p> <p>Wu Fei, Suzhou Newmax Analytical Instruments Co., Ltd., R&D manager, PhD</p>
11:00-11:15	<p>IFEDC20204825</p> <p>Development and Application of MFR-I type Friction Reducer</p> <p>Yang Jun, Changqing Downhole Technology Company, Chuanqing Drilling Engineering Co., Ltd., Senior Engineer.</p>

11:15-11:30	<p>IFEDC20205244</p> <p>Heterogeneous compound flooding technology in medium-high permeability cemented reservoir after polymer flooding.</p> <p>Zhang Zhuo, Henan Oilfield Branch of Sinopec Chemical Co. , Ltd.</p>
11:30-11:45	<p>IFEDC20206219</p> <p>Research and application of moisture dispersive system for flexible microgel particles.</p> <p>Sun Zhe, CNOOC Research Institute Co., Ltd.</p>
11:45-12:00	<p>IFEDC20206107</p> <p>Study on the influence factors of emulsion in weak alkali ternary system.</p> <p>Song Yuhua, Song Yuhua, the sixth oil production plant of Daqing Oilfield Co., Ltd.</p>
12:00-14:00	Buffet and Lunch Break
September 24, 2020 (Afternoon)	
<p>Host:</p> <p>Yang Yuping, Deputy Director and Director of Major Project Office of China Petroleum Engineering Technology Research Institute, Professor-level Senior Engineer</p> <p>Wang Yonghong, Deputy Director, Senior Engineer, Institute of Downhole Operations, China Petroleum Engineering Technology Research Institute</p>	
14:00-14:20	<p>IFEDC20205171</p> <p>The Development of Intelligent Tool Used in Layered Fracturing and Testing Operation of Oil and Gas Exploratory Wells.</p> <p>Liao Zuojie, Changqing Downhole Technology Company of CNPC</p> <p>Chuanqing Drilling Engineering Co., Ltd.</p>
14:20-14:40	<p>IFEDC20205596</p> <p>Application of PeriScope HD Multilayer Bed Boundary Detection in Geo-steering Horizontal Well of Carbonate Reservoir - Case Study of Zanarol Oilfield</p> <p>Ren Xujing, Research Institute of Exploration and Development;Xinjiang Oilfield Company.</p>

14:40-15:00	IFEDC 表面活性剂复配体系在轻质原油和碳酸盐岩存在下的分配研究 徐丽敏, 沙特阿美北京研发中心, 高级石油工程师
15:00-15:20	IFEDC20206001 Natural Curve Model Solving Algorithm with Tangent to Point Condition for Wellbore Trajectory Zhao Yipeng, CNPC Engineering Technology R&D Co., Ltd; Senior Engineer.
15:20-15:40	IFEDC20205667 Comprehensive Application of Various Completion Technologies in Third Type Reservoir Development. Ren Chengfeng, engineering and technology brigade of No.4 oil production plant in Daqing oilfield; Senior Engineer.
15:40-16:00	IFEDC20205260 Research and Application of Calculation Method of Negative Pressure for Oil Well Plug Removal Liu Zhengkui, Petroleum Engineer Technology Research Institute of Henan Oilfield Company Branch.
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:50	IFEDC20206043 New And Successful Field Application Of Water Plugging In Thick Oil Layer Using Positioning Balanced Fracturing Technology. Xu Bing, Daqing Oilfield Oil Production Engineering Research Institute.
16:50-17:10	IFEDC20205881 Research and Application of Operation Pressure Analysis in Liquid Carbon Dioxide Fracturing. Zheng Weishi, 1.Drilling & Production Engineering Technology Research Institute, CNPC Chuanqing Drilling Engineering Company Limited; 2. National Engineering laboratory for Low-permeability oil and gas field exploration and development; Senior Engineer.
17:10-17:30	IFEDC20205617 Design and Study of Downhole Oil Droplet Coalescer in Single-well Injection-production System Xing Lei, Northeast Petroleum University, Postdoctor

17:30-17:45	<p>IFEDC20205536</p> <p>Experimental Study of Hydraulic Fracture Initiation and Propagation in Unconsolidated sand with the Injection of Temporary Plugging Agent.</p> <p>Xu Hongxing, CCDC Changqing Down Hole Technology Company.</p>
17:45-18:00	<p>IFEDC20205669</p> <p>Study on Holistic Optimization Design Method of Completion Technology in New Well Production Block.</p> <p>Wang Wei, engineering and technology brigade of No.4 oil production plant in Daqing oilfield; Senior Engineer.</p>
18:00-20:00	Buffet Dinner
September 25, 2020 (Morning)	
<p>Moderator: Zhang Quanli, Director of Drilling Machinery Research Institute, China Petroleum Engineering Technology Research Institute, Senior Engineer</p> <p>Ge Yunhua, Deputy Director of the Institute of Planning and Support, China Petroleum Engineering Technology Research Institute, professor-level senior engineer</p>	
08:00-08:20	<p>IFEDC20205950</p> <p>Corrosion and Deformation of Ultra-deep Production Wells in Shunbei Oilfield.</p> <p>Wang Qincong, Research Institute of Petroleum Engineering, Northwest Oil Company of SINOPEC; Senior Engineer.</p>
08:20-08:40	<p>IFEDC20205506</p> <p>Experimental Study On A Water-soluble Rubber Cylinder Based On Thermosetting Polyester Polyurethane Popolymer.</p> <p>Xu Kuide, 1. Daqing Oilfield Production Engineering Research Institute, 2. Heilongjiang Provincial Key Laboratory of Oil and Gas Reservoir Stimulation; Senior Engineer.</p>
08:40-09:00	<p>IFEDC20205716</p> <p>Application of automatic history matching in field injection and production deployment</p> <p>Lin Bo, China University of Petroleum; Sinopec Shengli Oilfield Offshore Oil</p>

	Production Plant.
09:00-09:20	<p>IFEDC20204754</p> <p>Synergistic Diverting Acid System and Its Application in Heterogeneous Carbonate Reservoir Stimulation.</p> <p>Zhang Hewen, Research Institute of Petroleum Exploration & Development, Project Manager.</p>
09:20-09:40	<p>IFEDC20204948</p> <p>The Development And Field Application Of Reusable Guanidine Fracturing Fluid System.</p> <p>Wang Yajun, Changqing Downhole Technology Operating Company, Chuanqing Drilling Engineering Limited Company, CNPC,</p>
09:40-10:00	<p>IFEDC20204949</p> <p>Development and Application of Xiangdou Gum Fracturing Fluid System with high Sand Carrying Performance.</p> <p>Gao Yan, 1.Changqing Downhole Technology Operating Company, Chuanqing Drilling Engineering Limited Company, CNPC, Xi'an, Shaanxi 710018; 2.National Engineering Laboratory of Low Permeability Oil and Gas Field Exploration and Development, Xi'an, Shaanxi 710018</p>
10:00-10:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
10:30-10:45	<p>IFEDC20204955</p> <p>Experiment Researches of Power Equilibrium Technology for Beam Pumping Unit.</p> <p>Qi Xing, Daqing Oilfield Production Engineering & Research Institute</p>
10:45-11:00	<p>IFEDC20204794</p> <p>Development of High Temperature Calcium Chloride Weighted Fracturing Fluid System.</p> <p>Gao Ying, PetroChina Research Institute of Petroleum Exploration & Development</p>
11:00-11:20	<p>IFEDC20205612</p> <p>Control of overflowing - lost circulation during well drilling in ultra-deep carbonate gas reservoir</p>

	Liang Shuang, CNPC Research Institute of Safety & Environment Technology, Senior Engineer.
11:20-11:40	IFEDC20205747 Study on Physical Simulation Experiment of Dynamic Sand Transportation in Complex Fractures Wu Zhiying, SINOPEC Research Institute of Petroleum Engineering.
11:40-12:00	IFEDC20205860 The Study and Practice of Green and Efficient Self-flowing Water Injection in Offshore Oilfield Zhang Qiang, Drilling and Production Corporation of CNOOC Energy Technology & Services.
12:00-14:00	Buffet and Lunch Break

VII. Low Permeability Reservoir Development

Time: September 23 (Afternoon)-September 24 (Afternoon), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Qingpu Hall)

Organizer: Sinopec Shengli Oilfield Company

2020年9月23日（下午） September 23, 2020 (Afternoon)	
Moderator: Wang Lushan, Senior Expert of Sinopec, Sinopec Shengli Oilfield Branch, member of the Conference Academic Committee Li Xianwen, Vice President, Professor-level Senior Engineer, Oil and Gas Technology Research Institute, Sinopec Changqing Oilfield Branch	
14:00-14:20	IFEDC20205765 Research on the Main Control Factors of Imbibition Recovery technology in low permeability sandstone reservoir. Zhang Xing, Petroleum Engineering Technology Research Institute, Sinopec Shengli Oilfield Company, Chief expert, Senior Engineer.

14:20-14:40	<p>IFEDC</p> <p>Low permeability field redevelopment decisions from Multi-well Hydraulic Fracture modeling</p> <p>Shubham Mishra, Schlumberger, Reservoir Engineer</p>
14:40-15:00	<p>IFEDC20205564</p> <p>Study on Numerical Simulation Method and Remaining Oil Distribution of Horizontal Well in Low Permeability and Thin Reservoir.</p> <p>Wang Li, PetroChina Daqing Oilfield Co., Ltd. No.8 Oil Production Plant.</p>
15:00-15:20	<p>IFEDC20205980</p> <p>Quality Control and Validation of 3D Static Model of Multi-fault Cutting and Low Permeability Reservoir</p> <p>Yu Peng, School of Petroleum and Chemical Engineering, Beibu Gulf University; Associate Professor.</p>
15:20-15:40	<p>IFEDC20205179</p> <p>Research and application of post pressure evaluation in offshore deep and low permeability oil and gas fields.</p> <p>Xuan Tao, CNOOC Energy Technology Development Co., Ltd.</p>
15:40-16:00	<p>IFEDC20205718</p> <p>Application of new water drive characteristic curve in ultra-low permeability reservoirTake the Fuyu Reservoir in Xingbei, Changyuan County, Daqing as an example.</p> <p>Jiang Guipu, Daqing Oil Field No.4 Oil Production Plant, Deputy Chief Geologist, Senior Engineer.</p>
16:00-16:30	<p>Tea/Coffee Break and Eposter Session for Knowledge Sharing</p>
16:30-16:50	<p>IFEDC20205567</p> <p>Prediction Method of Fracturing Well Pressure in Low Permeability Reservoir Based on Two-phase Elliptical Percolation.</p> <p>Zhu Jingwei, No.8 Oil Production Plant of Daqing Oilfield Co., Ltd.</p>
16:50-17:10	<p>IFEDC20206067</p> <p>Experimental Study and Field Test of One Novel Biological Nano-polysilicon Bystem in Offshore Low-permeability Reservoir of Bohai Bay Oilfield.</p> <p>Feng Qing, Oilfield production optimization institution, China Oilfield Services Limited, Senior Reservoir Engineer.</p>

17:10-17:30	<p>IFEDC20205563</p> <p>RESEARCH AND APPLICATION OF WATER/CO₂ ALTERNATING CONTROL TECHNOLOGY FOR GAS CHANNELING IN ULTRA-LOW PERMEABILITY OILFIELD.</p> <p>Meng Baofeng, PetroChina Daqing Oilfield No.8 Oil Production Plant.</p>
17:30-17:45	<p>IFEDC20204929</p> <p>A New Method for Determining abandoned formation pressure in Sulige Gas Field</p> <p>Zheng Lanian, Exploration and Development Reserch Institute of PetroChina Changqing Oilfield Company;National Engineering Laboratory for Exploration and Development of Low-Permeability Oil & Gas Fields</p>
17:45-18:00	<p>IFEDC20205372</p> <p>Application of closed self-locking anti peristalsis separate injection technology in Shengli shallow water</p> <p>Zhao Ruchun, Downhole Service Company of Shengli Petroleum Engineering Company</p>
18:30-20:30	<p>Outstanding Paper Award Ceremony</p>
September 24, 2020 (morning)	
08:00-08:20	<p>IFEDC20205028</p> <p>The study and application of multi-stage acid fracturing technique based on horizontal wells for low permeable in-platform Sinian formation, Gaoshi-Moxi Area, Sichuan Basin.</p> <p>Wang Qian, Engineering Technology Research Institute of petrochina Southwest Oil and Gas Field Company.</p>
08:20-08:40	<p>IFEDC20205224</p> <p>Research and application of volume fracturing of water injection well enhancing water drive effect in ultra-low permeability reservoir—A case study from Chang 6 reservoir in Y284 in Huaqing oilfield.</p>

	Wang Mingyu, Petrochina changqing oilfield company 10th oil production plant.
08:40-09:00	IFEDC 20205435 Research on Quick Calculation Model of Reasonable Well Pattern Density in Water Drive Oilfield Technology. Hu Gnag, Chengdu University of Technology, Associate Professor.
09:00-09:20	IFEDC20206202 Optimization Analysis of the Fracture Parameters of Fractured Horizontal Well in Gas Reservoir. Li Hongjun, No.10 Oil Production Plant of Petrochina Daqing Oilfield Co. Ltd.
09:20-09:40	IFEDC20205655 New Method of Gas and Water Layer Identification of Low Permeability Carbonate Gas Reservoir. Cui Yuehua, 1. Research Institute of Petroleum Exploration and Development, PetroChina Changqing Oilfield Company, Xian, Shaanxi, China, 710018; 2. National Engineering Laboratory for Exploration and Development of Low-Permeability Oil & Gas Fields.
09:40-10:00	IFEDC20205159 The Study of Water Hammer Fracture Technology. Chen Ping, ChuanQing Drilling Co. Research Institute of Drilling and Producing Engineering, Deputy Dean, Senior Engineer.
10:00-10:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
10:30-10:50	IFEDC20205572 Study on Optimizing the Fracture Spacing in Horizontal Well of low Permeability. Zhang Haijun, No.8 Oil Production Plant of Daqing Oilfield Co., Ltd. Senior Engineer.
10:50-11:10	IFEDC20204839 Study on Microscopic Displacement Characteristics of Surfactant Flooding in Extra-low Permeability Reservoirs Real Sandstone Model. Shang Guan Yangnan, PetroChina Changqing Oilfield Company, Senior Engineer.

11:10-11:30	<p>IFEDC20205527</p> <p>Study and Application of "Dynamic Fracture" Description Technique in Low Permeability Reservoir.</p> <p>Chi Bo, Daqing Oilfield Exploration and Development Research Institute, Senior Engineer.</p>
11:30-11:45	<p>IFEDC20204804</p> <p>Research on Stimulation Technique of Ultra -deep Low Permeability thin interbed Reservoir.</p> <p>Sun Kan, Project Department of TaZhong, Tarim Oilfield Company.</p>
11:45-12:00	<p>IFEDC20205756</p> <p>Experimental Study on Key Factors of CO₂ Huff and Puff in Tight Oil Reservoir</p> <p>Zhou Jiumu, School of Petroleum Engineering, Northeast Petroleum University.</p>
12:00-14:00	Buffet and Lunch Break
September 24, 2020 (afternoon)	
<p>host:</p> <p>Zhang Xing, Chief Expert, Professor-level Senior Engineer, Petroleum Engineering Technology Research Institute, Sinopec Shengli Oilfield Company</p> <p>Chen Ping, Chuanqing Drilling and Production Engineering Technology Research Institute, Vice President, Senior Engineer</p>	
14:00-14:20	<p>IFEDC20205764</p> <p>Research of Injection Enhancement Technique for Low Permeability Water-sensitive Reservoir Using Low Molecular Weight Cationicpolymer.</p> <p>Li Xiaqing, Petroleum Engineering Technology Research Institute, Sinopec Shengli Oilfield Company, postdoctor.</p>
14:20-14:40	<p>IFEDC20205977</p> <p>A Novel Development Evaluation Method for Ultra-low Permeability Reservoir.</p> <p>Feng Jinde, RIPED of Petrochina, PHD, Senior Engineer.</p>

14:40-15:00	<p>IFEDC20206081</p> <p>Study on a Novel Anionic-nonionic Gemini/cationic Combined Flooding System in Low Permeability Reservoir.</p> <p>Feng Haishun, Petroleum Engineering Technology Research Institute of Shengli Oilfield Company, PHD.</p>
15:00-15:20	<p>IFEDC20206227</p> <p>The Research on Key Issues about Impure CO₂ near Miscible Flooding in Low Permeability Reservoir.</p> <p>Zhang Xiansong, CNOOC Research Institute Co.Ltd. PHD, Senior Engineer.</p>
15:20-15:40	<p>IFEDC20206033</p> <p>Study on the Properties of Micro-foam Stabilized by Laponite and Xanthan Gum.</p> <p>Zhao Ning, China University of Petroleum (East China).</p>
15:40-16:00	<p>IFEDC20204971</p> <p>A New Method for Stress Sensitivity Evaluation of Tight Sandstone Gas Reservoirs.</p> <p>Liu Pengcheng, Exploration and Development Reserch Institute of PetroChina Changqing Oilfield Company; National Engineering Laboratory for Exploration and Development of Low-Permeability Oil & Gas Fields.</p>
16:00-16:30	Tea/Coffee Break and Eposter Session for Knowledge Sharing
16:30-16:50	<p>IFEDC20205876</p> <p>Evaluation of Oil Displacement Performance and Application Effect of Polysurfactant for the Third Type Oil Layers in Daqing Oilfield Xing-2 area A Block.</p> <p>Zhang Lidong, The No.4 Oil Production Plant of Daqing Oilfield Co.Ltd.</p>
16:50-17:10	<p>IFEDC20206083</p> <p>Research on New Polymer Microsphere Gel for In-Depth Profile Control and Its Application in Low Permeability Reservoirs.</p> <p>Wu Tianjiang, Oil&Gas Technology Research Insititute of Changqing Oilfield Company.</p>
17:10-17:30	<p>IFEDC20206075</p> <p>RESERVOIR CHARACTERISTICS OF THE FINE-GRAINED SEDIMENTARY ROCKS IN THE CENOZOIC SALINE LAKES IN THE SOUTHWESTERN QAIDAM BASIN, NW CHINA.</p> <p>Sheng Jun, Development of Qinghai Oilfield Branch of Petro China, PHD,</p>

	Senior Engineer.
17:30-17:45	IFEDC20205172 Evaluation and Field Application of Deep Profile Control Performance by Nano-polymer Microspheres in Ultra-low Permeability Reservoir. Zhu Xizhu, Petrochina changqing oilfield company 10th oil production plant, Senior Engineer.
17:45-18:00	IFEDC20205166 Optimization of the Shut-in Testing Time in Low-permeability Reservoir. Zhou Hongliang, Daqing Yushulin Oilfield Company Limited of PetroChina, Senior Engineer.
18:00-20:00	Buffet Dinner

VIII. Low Permeability Reservoir Development

Time: September 23 (afternoon)-September 24 (afternoon), 2020

Venue: Longemont Hotel Conference Center (Yang'pu Hall)

Organizer: China University of Petroleum (Beijing) Unconventional Oil and Gas Science and Technology Research Institute

September 23, 2020 (afternoon)
Host: Li Zhuo, China University of Petroleum (Beijing), associate researcher, postgraduate tutor, director of the Institute of Geology and Geophysics, Institute of Unconventional Petroleum Science and Technology Liu Dongdong, China University of Petroleum (Beijing), associate researcher, postgraduate tutor, secretary/deputy director of the Institute of Geology and Geophysics, Institute of Unconventional Petroleum Science and Technology, and associate editor of Petroleum

Science Bulletin.	
14:00-14:20	<p>IFEDC20205593</p> <p>Direct Numerical Simulation of a Mixed-Media Model for Efficient Developing Shale Gas Reservoirs.</p> <p>Li Ning, Research Institute of Petroleum Exploration & Development of PetroChina; Senior Engineer.</p>
14:20-14:40	<p>IFEDC</p> <p>Vaca Muerta Unconventional Shale Reservoir. A Successful World Class Example to Imitate</p> <p>Luis P Stinco , University of Buenos Aires, Professor</p>
14:40-15:00	<p>IFEDC20205215</p> <p>Water Production Prediction in Tight and Low Pressure Gas Wells Considering the Dynamic Change of Gas-water Permeability Relationship.</p> <p>Ouyang Weiping, Changqing Downhole Technology Company, CNPC</p> <p>Chuanqing Drilling Engineering Company Limited, Senior Engineer.</p>
15:00-15:15	<p>IFEDC20206176</p> <p>Reservoir characteristics and its petroleum significance of Jurassic Da&rsquo;anzhai shale interval in central Sichuan Basin, SW China</p> <p>Zhang Shaomin, Exploration and Development Research Institute, PetroChina Southwest Oil & Gas Field Company;</p>
15:15-15:30	<p>IFEDC20205039</p> <p>Research on Adaptability and Key Technology of Horizontal Well Development in Multi-layer Tight Gas Reservoir.</p> <p>Liu Jiaojiao, 1. PetroChina Changqing Oilfield Company Research Institute of Exploration and Development;</p>
15:30-15:45	<p>IFEDC20205801</p> <p>Numerical Research of Formation Energy Supplement in a Shale Oil Reservoir.</p> <p>Lei Yingxian, China University of Petroleum (Beijing).</p>
15:45-16:00	<p>IFEDC20205766</p> <p>Molecular Dynamics Simulation of Shale Oil Flow Mechanisms in Kerogen and Quartz Nanopores.</p> <p>Li Zheng, China University of Petroleum (East China), PHD Student.</p>
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing

16:30-16:45	<p>IFEDC</p> <p>Limited Entry Design and Cluster Efficiency in Hydraulic Fracturing</p> <p>Michael B. Smith, NSI Technologies, LLC, President & SPE Distinguished Lecturer</p>
16:45-17:00	<p>IFEDC20205509</p> <p>Study of Geology-engineering Integration Fracturing Design Based on Material Point Method</p> <p>Li Dongxu, Daqing Oilfield Production Engineering Research Institute</p>
17:00-17:15	<p>IFEDC20205288</p> <p>Effect of Different Solution Ions Types on Wettability in Shale Oil Reservoir.</p> <p>Song Lei, Exploration and Development Research Institute of Changqing Oilfield Company.</p>
17:15-17:30	<p>IFEDC</p> <p>Unconventional Oil Reservoir Fractured-Horizontal Well Rate-Pressure Analyses</p> <p>Branimir Cvetkovic, National University, "Yuri Kondratyuk Poltava Polytechnic" (Ukraine)& Petro Brelle Energy (Norway), Reservoir Management and Engineering Lead & University Professor</p>
17:30-17:45	<p>IFEDC20206121</p> <p>Discussion on Three Misunderstandings of Brittleness in Shale Oil and Gas.</p> <p>Zhang Yonghao, China Petroleum Logging CO. LTD. Senior Engineer.</p>
17:45-18:00	<p>IFEDC20205282</p> <p>A Method to Extract the Key Influence Factors on Well Performance in the Duvernay Shale Gas Form</p> <p>Wang Ping, Research Institute of Petroleum Exploration and Development.</p>
18:00-20:00	Buffet and Lunch Break
September 24, 2020 (morning)	
<p>Moderator: Song Zhaojie, China University of Petroleum (Beijing), PhD supervisor, Director of the Institute of Enhanced Oil Recovery, Research Institute of Unconventional Oil and Gas Science and Technology</p> <p>Yang Zihao, China University of Petroleum (Beijing), postgraduate tutor, secretary/deputy director of the Enhanced Oil Recovery Institute of the Institute of Unconventional Oil and Gas Science and Technology</p>	

08:00-08:20	<p>IFEDC20206002</p> <p>Study on Shale Oil Logging Evaluation Method and Its Application in Shengli Oilfield.</p> <p>Ci Xinghua, Sinopec Oilfield Service Shengli Corporation Geologging Company, Senior Engineer.</p>
08:20-08:40	<p>IFEDC20205552</p> <p>Using borehole seismic technology to design the direction of horizontal wells for in-situ conversion processing of shale oil underground.</p> <p>Chen Ce, BGP, Senior Engineer.</p>
08:40-09:00	<p>IFEDC20206224</p> <p>Research and Experiment on the Integrated Refracturing Technology.</p> <p>Bai Xiaohu, Oil & Gas Technology Research Institute of Changqing Oilfield Company, CNPC, Senior Engineer.</p>
09:00-09:15	<p>IFEDC20205254</p> <p>Key Technology Of Snubbing Operation In High Pressure Shale Gas Wells.</p> <p>Hu Xuguang, Drilling & Production Technology Research Institue, CCDC,CNPC.</p>
09:15-09:30	<p>IFEDC20206112</p> <p>An Innovative Method to Determine Surface Relaxivity of Tight Sandstone Cores Using LF-NMR and High-Speed Centrifugation Measurements.</p> <p>Jiang Yun, Research Institute of Petroleum Exploration & Development.</p>
09:30-09:45	<p>IFEDC20205108</p> <p>Study on Rock Mechanics and Wellbore Stability of Drilling and Completion in YongChuan Shale.</p> <p>Cui Shuai, Southwest Petroleum University; PHD Student.</p>
09:45-10:00	<p>IFEDC20205230</p> <p>Study and application of intermittent volume fracturing technology for tight reservoirs.</p> <p>Liu Huan, ChangqingDownhole Technology Company;CNPC Chuanqing Drilling Engineering Co.;Ltd.</p>
10:00-10:30	Tea/Coffee Break and Eposter Session for Knowledge Sharing
10:30-10:45	<p>IFEDC20205803</p> <p>Adaptability of quartz sand for shale oil reseervoir fracturing</p> <p>Liu Zhe, PetroChina Research Institute of Petroleum Exploration & Development.</p>

10:45-11:00	<p>IFEDC20204826</p> <p>Enhanced Oil Mechanism of WAG in Tight Reservoir.</p> <p>Zhang Juan, XI'AN Shiyou University, PHD</p>
11:00-11:15	<p>IFEDC20205106</p> <p>Research on the Mechanism of Wellbore Instability of Oil Shale in Raoyang Sag and Water- based Anti-sloughing Drilling Fluid.</p> <p>Wang Xiuying, Engineering Technology Research Institute, Huabei Oilfield Company, Senior Engineer.</p>
11:15-11:30	<p>IFEDC20204946</p> <p>Experimental Investigation of formation damage Induced by Completion in Dibeit Tight Condensate Gas Reservoir.</p> <p>Li Suzhen, Research Institute of Petroleum Exploration Development of CNPC, China, Senior Engineer.</p>
11:30-11:45	<p>IFEDC20205418</p> <p>The Development and Application of Low-Invasion Oil Based Mud Technology in Southwest China Clastic Shale Formation.</p> <p>Xiao Fengfeng, CCDC Drilling Fluid Technology Services Company; Senior Engineer.</p>
11:45-12:00	<p>IFEDC20206044</p> <p>Feasibility analysis of nanoparticles enhanced in-situ microwave thermal recovery of shale oil.</p> <p>Peng Meng, Southwest Petroleum University</p>
12:00-14:00	Buffet and Lunch Break
September 24, 2020 (afternoon)	
<p>Host:</p> <p>Shen Yinghao, China University of Petroleum (Beijing), master tutor, secretary of the Institute of Reservoir Reconstruction and Development Engineering, Research Institute of Unconventional Petroleum Science and Technology</p> <p>Qu Hongyan, China University of Petroleum (Beijing), master tutor</p>	
14:00-14:20	<p>IFEDC20205836</p> <p>Genetic Mechanism and Distribution Model of Correlation between Shale Oil and Conventional Oil : A Case Study from the Third Member of Shahejie formation in Bonan sag, Jiyang depression, Bohai Bay Bas</p>

14:20-14:40	<p>IFEDC20206080</p> <p>Laser Confocal Scanning Microscope Analysis on micropore structures and occurrence state of organic matter in tight rocks</p> <p>Cui Shasha, Geology Bureau for Nonferrous Metals of Guangdong Province</p>
14:40-15:00	<p>IFEDC20206057</p> <p>Study on shale porosity in different NMR measurement pattern</p> <p>Han Bo, Technique center of China Petroleum Logging CO. LTD.</p>
15:00-15:15	<p>IFEDC20205863</p> <p>Seismic Geological Modeling Study on Tight Sandstone Gas Reservoir in Ordos Basin</p> <p>Zou Xinning, Exploration and Development Research Institute.</p>
15:15-15:30	<p>IFEDC20204917</p> <p>Well Logging Identification of Tight Reservoir in Shuang229 Block.</p> <p>Wu Yiping, Petrochina Liaohe Oilfield Company.</p>
15:30-15:45	<p>IFEDC20205650</p> <p>Five-linear Flow Model for Fractured Horizontal Well in Tight Oil Reservoir Based on Fractal Theory</p> <p>Xing Xiangdong, China University of Petroleum; PHD.</p>
15:45-16:00	<p>IFEDC20205326</p> <p>Research on Key Parameters about Resource Evaluation of Shale Oil in the out Front Edge of Daqingzijing is Located in the South of Songliao Basin.</p> <p>Lu Kening, The Exploration and Development Research Institute of Jilin Oilfield Company</p>
16:00-16:30	<p>茶歇与知识共享电子报告会</p> <p>Tea/Coffee Break and E-poster Session for Sharing</p>
16:30-16:50	<p>IFEDC20206195</p> <p>Quantitative evaluation of tight sandstone reservoirs based on data mining using MICP data.</p> <p>Liu Jingjing, Chang'an University, PHD Student.</p>
16:50-17:10	<p>IFEDC20205024</p> <p>Prediction technology of tight channel sandstone reservoir in shaximiao formation in the central Sichuan Basin.</p> <p>Gan Dayong, Exploration and Development Research Institute, Researcher.</p>
17:10-17:30	<p>IFEDC20206041</p> <p>Key Controlling-Factors of Tight Gas Accumulation in Block M on Eastern Margin of Ordos Basin.</p>

	Qin Changwen, CNOOC Research Institute Co., Ltd. PHD, Senior Engineer.
17:30-17:45	IFEDC20206079 Application of Seismic Waveform Inversion in P21 Shale Oil Desserts in Jimusaer Area. Zhang Shuangjie, Seismic Exploration Research Institute of JiLin Oil Company, Senior Engineer
17:45-18:00	IFEDC20205305 A Method of Calculating Pore Specific Surface Area of the Marine Shale. Yao Yabin, CNPC Logging Applied Research Institute.
18:00-20:00	Buffet Dinner

IX. Unconventional- Coalbed Methane, Heavy Oil

Time: September 23 (afternoon)-September 24 (morning), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Jinshan Hall)

Organizer: School of Earth Science and Engineering, Xi'an Shiyou University

September 23, 2020 (afternoon)	
Moderator: Liu Zhide, School of Earth Sciences and Engineering, Associate Dean, Professor, Conference Reviewer Peng Chaoyang, Guangdong Institute of Petrochemical Technology, Professor, Conference Reviewer	
14:00-14:20	IFEDC20205926 The Research of High Temperature Fire Flooding Exploitation Reservoir Lower Limit in Heavy Oil Reservoir after Steam Injection Development Late Stage. Sun Gexin, Xinjiang Oilfield Company, Petrochina, Senior Engineer, Technique Expert.
14:20-14:40	IFEDC20204964 Optimization of Horizontal Well Placement for Cold Production in Extra-Heavy Oil Reservoir Li Xingmin, Research Institute of Petroleum Exploration & Development, PetroChina, Senior Engineer.

14:40-15:00	<p>IFEDC</p> <p>The Energy Business Problem: Why Digital Transformation In Oil and Gas is the Short Fix</p> <p>Nelson L.O Lutta, CEO Bold Energy Technology and Programs chairperson, SPE Nairobi Section</p>
15:00-15:20	<p>IFEDC20206173</p> <p>Permeability Anisotropic Characterization of Oil Sand Reservoir in Canada</p> <p>Wang Bin, RIPED, PetroChina.</p>
15:20-15:40	<p>IFEDC20206295</p> <p>Geological Characteristics and Genesis of Coalbed Methane in B Mining Area, Eastern Margin of Ordos Basin.</p> <p>Wang Heng, Northwest University, PHD Student.</p>
15:40-16:00	<p>IFEDC</p> <p>Geomechanical Principle of Hydraulic fracturing in Unconventional gas reservoir</p> <p>Unwana Solomon, Federal University of Technology, Owerri, M.Eng</p> <p>Petroleum Engineer</p>
16:00-16:30	Tea/Coffee Break and E-poster Session for Knowledge Sharing
16:30-16:50	<p>IFEDC20206050</p> <p>A Novel Polymer Channeling Identification Method for Offshore Heavy-Oil Reservoirs.</p> <p>Zhu Zhijie, CNOOC Research Institute Co. Ltd, Senior Engineer.</p>
16:50-17:10	<p>IFEDC20205929</p> <p>Investigation of Fracture-height Growth in Multiple-layered Rock from Lab Test to Field Diagnosis in Unconventional Reservoirs.</p> <p>Fu Haifeng, Research Institute of Petroleum Exploration and Development Petrochina.</p>
17:10-17:30	<p>IFEDC20206086</p> <p>Study on the Mechanism of a Multi-branch Horizontal Well in enhancing the production performance of coal-bed methane reservoirs in the SY block, Qinshui Basin.</p> <p>Lv Yumin, CNOOC Research Institute Co., Ltd, PHD, Senior Engineer.</p>
17:30-17:45	<p>IFEDC20205368</p> <p>The Application of Well Testing Numerical Modeling in Basement Fractured Reservoir.</p> <p>Zheng Xuerui, Research Institute of Petroleum Exploration and Development,</p>

	African E&D Department.
17:45-18:00	<p>IFEDC20206188</p> <p>Study on the Law of Pressure Propagation in Different Development Stages of Coalbed Methane.</p> <p>Liu Jia, CNOOC Research Institute, PHD, Senior Engineer.</p>
18:30-20:30	Buffet and Lunch Break
September 24, 2020 (morning)	
<p>Moderator: Xiao Hui, Associate Professor (Dean of Resources Exploration Engineering, School of Earth Sciences and Engineering)</p> <p>Sun Xinge, PetroChina Xinjiang Oilfield Company, professor-level senior engineer, enterprise technical expert</p>	
08:00-08:20	<p>IFEDC</p> <p>Closed loop Fully Automatic Drainage Technology for Coalbed Methane Wells.</p> <p>Peng Chaoyang, Guangdong Institute of Petrochemical Technology, Professor</p>
08:20-08:40	<p>IFEDC</p> <p>The Role of Unconventional Resources in Global Oil and Gas Markets</p> <p>Roberto F Aguilera, Curtin University Oil and Gas Innovation Centre, Australia, Distinguished Lecturer of SPE</p>
08:40-09:00	<p>IFEDC20205092</p> <p>Horizontal Length Optimization of Cold Production with Horizontal Wells in Extra-heavy Oil Reservoirs</p> <p>Yang Zhaopeng, PetroChina Research Institute of Petroleum Exploration&Development</p>
09:00-09:15	<p>IFEDC20205271</p> <p>Application of Geomechanics Research in Highly Efficient Development of Unconventional Resources --A Case study of Shale Oil in Lucaogou formation in Jimsar Sag.</p> <p>Huang Xingning, Baker Hughes, Senior Geomechanics Consultant.</p>
09:15-09:30	<p>IFEDC20205511</p> <p>Experimental Investigation on Gas Injection Timing and Gas-Liquid Ratio in Foamy Oil Recreation Process</p> <p>Li Xingmin, Research Institute of Petroleum Exploration & Development, PetroChina, Senior Engineer.</p>

9:30-9:45	<p>IFEDC20205782</p> <p>Research on Compound Mining of CO₂ Viscosity Reducer for Common Heavy Oil.</p> <p>Hu Ye, Geological Brigade of the Second Oil Production Plant of Daqing Oilfield Co.;Ltd</p>
9:45-10:00	<p>IFEDC20205729</p> <p>The key technology of gravity assisted miscible flooding for natural gas injection in donghe oilfield.</p> <p>Fan Jiawei, Research Institute of Exploration and Development in Tarim Oilfield Company.</p>
10:00-10:30	Tea/ Coffee Break and E-poster Session for Sharing
10:30-10:45	<p>IFEDC20205018</p> <p>Experimental Research on Low Temperature Oxidation Of Heavy Oil in JI 7 Well Area of XinJiang Oilfield.</p> <p>Peng Xiaoqiang, Experiment and Testing Institute of Xinjiang Oilfield Company.</p>
10:45-11:00	<p>IFEDC20206137</p> <p>Application Study of FCD Completion in dual well SAGD.</p> <p>Jin Ruifeng, Petrochina Research Institute of Petroleum Exploration and Development.</p>
11:00-11:15	<p>IFEDC20205317</p> <p>Optimization of conversion timing from cold production to CSS in extra-heavy oil reservoir.</p> <p>Yin Yin, SinoPec International Petroleum E&P Corporation, Senior Engineer.</p>
11:15-11:30	<p>IFEDC20205198</p> <p>Study on Development Potential of Low Saturated Deep Super Heavy Oil Reservoirs.</p> <p>Sui Zhaoyang, Geological Institute of Hekou Oil Production Plant of Shengli Oilfield Branch of Sinopec.</p>
11:30-11:45	<p>IFEDC20205336</p> <p>Numerical Simulation of Interlayer Interference Characteristics of Multi-gas Combined Mining in Coal Measures.</p> <p>Wei Huchao, School of Petroleum Engineering of China University of Petroleum (East China).</p>

11:45-12:00	IFEDC20206146 Drilling and Completion Practice and Development Prospect of Offshore CSS Project in Bohai Bay. Zhang Hailong, CNOOC Research Institute, Senior Engineer.
12:00-14:00	Buffet and Lunch Break

X. Digital and Intelligent Oil and Gas Fields

Time: September 23 (afternoon)-September 24 (morning), 2020

Location: Longemont Hotel Conference Center 2nd Floor (Baoshan Hall) Organizer:

School of Artificial Intelligence, China University of Petroleum (Beijing)

September 23, 2020 (afternoon)	
Host: Song Xianzhi, Vice Dean and Professor, School of Artificial Intelligence, China University of Petroleum (Beijing) Cheng Shiqing, China University of Petroleum (Beijing), Professor, Conference Reviewer	
14:00-14:20	IFEDC20204858 Research and Application of Logging Platform with Full Well Condition Storage Li Guoying, Tianjin Branch of CNOOC Ltd., Senior Engineer.
14:20-14:40	IFEDC A Fit-For-Purpose Digital Strategy and Low Cost, High Value Business Enabling Solutions; The Future of Digital Transformation in O&G Industry Sadik Noman, Chevron Asia South Business Unit Bangladesh, Head of Applications & Digital Technology, IT
14:40-15:00	IFEDC20205877 Intelligent Precise Identification of Low-resistance Oil Layers Based on Big Data Mining Sun Qi, China Petroleum Dagang Oilfield Company.

15:00-15:20	<p>IFEDC20205380</p> <p>Erosion Analysis of Gas-Liquid Separator Sewage Pipeline Based on FLUENT.</p> <p>Shi Yuhan, No. 6 Gas Production Plant, Petrochina Changqing Oilfield Company.</p>
15:20-15:40	<p>IFEDC20206276</p> <p>Using Machine Learning Techniques for Enhancing Production Forecast in North Malay Basin</p> <p>Truc (Trevor) Doan, HoChiMinh City University of Technology, Sr. Petroleum Engineer</p>
15:40-16:00	<p>IFEDC20206115</p> <p>Sub-layer Multi-source Data Fusion Based on Pattern Recognition</p> <p>Yuan Jiangru, Research Institute of Petroleum Exploration & Development, Senior Engineer.</p>
16:00-16:30	<p>Tea/Coffee Break and E-poster Session for Sharing</p>
16:30-16:45	<p>IFEDC20205576</p> <p>Comprehensive Adjustment Technology and Intelligent Decision System Based on Big Data</p> <p>Yu Hongyu, OilRecovery Plant No.5, Daqing Oilfield Corp.</p>
16:45-17:00	<p>IFEDC</p> <p>Drilling Systems Augmentation - Digitalization and automation transformation into a new future</p> <p>John P de Wardt, De Wardt and Company, President, SPE Distinguished Membe</p>
17:00-17:20	<p>IFEDC20205874</p> <p>Design and Application of GeoNet Logging Remote Support System</p> <p>Shao Kun, Logging Technology Research Institute of CNPC Logging Co., Ltd.</p>
17:20-17:40	<p>IFEDC</p> <p>Locating the Remaining Oil by a Novel Physics-Guided Data-Driven Method - A Middle East Case Study</p> <p>Babak Moradi, Petroleum Engineering Department, LEAP Energy, Malaysia, Lead Reservoir Engineer</p>
17:40-18:00	<p>IFEDC20205829</p> <p>Gas Well Apparatus Digitize Integrated and Its Smart Control</p> <p>Chen Xiaogang, Xi'an Chang Qing Technological Engineering Co., Ltd.</p>

18:30-20:30	Excellent Paper Award Ceremony
September 24, 2020 (morning)	
Host: Song Xianzhi, Vice Dean and Professor, School of Artificial Intelligence, China University of Petroleum (Beijing) Cheng Shiqing, China University of Petroleum (Beijing), Professor, Conference Reviewer	
08:00-08:15	IFEDC20205261 Intelligent Injection and Production Technology of Oilfield Zhang Jinghui, Petroleum Engineer Technology Research Institute of Sinopec Henan Oilfield Company
08:15-08:30	IFEDC Insights to Unconventional Fracturing Using Integration and Analysis of Multiple Sources of Data Z. Peter Wang, IUT GROUP, USA, President & Chief Engineer
08:30-08:45	IFEDC20205432 Research and Field Test on Intelligent Injection Technology of Mixed Natural Gas Hydrate Inhibitors. Li Qiang, Northeast Petroleum University; Daqing Oilfield Oil Production Engineering Research Institute.
08:45-09:00	IFEDC A Simple Approach Using Machine Learning for Screening of Enhanced Oil Recovery Techniques Hrishikesh Chavan, Dr. Vishwanath Karad MIT World Peace University, India, Assistant Professor
09:00-09:15	IFEDC20205722 Intelligent Reservoir Diagnosis Method Based on BP Neural Network. Wang Siyi, Exploration and Development Research Institute of Changqing Oilfield Company, PetroChina; Senior Engineer.
09:15-09:30	IFEDC Inclusive review on enhancing artificial lift performance by using artificial intelligence Mohamed Elshawaf, Khalda Pet. Company, Production Engineer

09:30-09:45	<p>IFEDC20205768</p> <p>Application of Shear Wave Estimation Based on Deep Learning in the D Oilfield.</p> <p>Ren Jiawei, Korla Branch, GRI, BGP, CNPC.</p>
09:45-10:00	<p>IFEDC20205665</p> <p>Effect Analysis of Intelligent Drainage Gas Recovery Technology Measures in Sulige Gas Field.</p> <p>Sun Dong, Gas Production Technology Research Institute.</p>
10:00-10:30	<p>Tea/Coffee Break Online Sharing Seminar</p>
10:30-10:40	<p>IFEDC20205233</p> <p>Presalt Carbonate Reservoir Prediction and Evaluation Applying Neural Network to Optimize and Compress Seismic Attributes.</p> <p>Zhang Yonggang, Petrochina Hangzhou Research Institute of Geology, Senior Engineer.</p>
10:40-11:00	<p>IFEDC20206094</p> <p>Application of NARX Model in Production Performance Prediction of Tight Gas Wells.</p> <p>Li Yanzun, CNOOC Research Institute Co., Ltd.;</p>
11:00-11:15	<p>IFEDC20206036</p> <p>Deep Learning 3D Inversion of Subsurface Target Based on Multinary Electromagnetic Data.</p> <p>Tan Hongfei, School of Electrical Engineering and Information, Southwest Petroleum University.</p>
11:15-11:30	<p>IFEDC20205026</p> <p>Design and Application of Monitoring System for Oil and Gas Fracturing Engineering</p> <p>Li Meiyu, 1. Oil & Gas Technology Research Institute, Chang-qing Oilfield Company; 2. National Engineering Laboratory for Low-Permeability Oil & Gas Exploration and Development</p>
11:30-11:45	<p>IFEDC20206046</p> <p>Feasibility Study on Demodulation of Down-hole Wireless Electromagnetic Remote Transmission Signal Considering Clutter and Carrier Phase Shift Based on Convolutional Neural Network.</p> <p>Lin Lei, School of Electrical Information, Southwest Petroleum University.</p>

11:45-12:00	IFEDC20205395 Exploration and Application of Wellhead Automatic Control Device for Water Source Well. Tong Junfeng, No.10 Oil Recovery Plant of Petrochina Changqing Oilfield Company
12:00-14:00	Buffet and Lunch Break

XI. Resources Management and Evaluation Technology

Time: September 23 (afternoon)-September 24 (afternoon), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Xuhui Hall)

Organizers: Overseas Center of PetroChina Exploration and Development Research Institute, East Asia and Southeast Asia Geosciences Planning Coordination Committee

Coordinating contacts: Yang Hua (CNPC), Li Jian (MRREC), Dr. Dhiti Tulyatid (CCOP)

September 23, 2020 (afternoon)	
Dr.Young Joo LEE, Director, CCOP Technical Secretariat	
14:00-14:30	Welcome Speech (Invited)
14:30-15:00	IFEDC20206319 Alignment of UNFC to Sustainable Development Goals Hari Tulsidas, Official of the United Nations Economic Commission for Europe
15:00-15:30	IFEDC20206309 Optimization of Flowback Operations for Shale Gas Wells Zha Quanheng, Xi'an Shiyou University
15:30-16:00	IFEDC20206323 Reservoir Characteristics and Controlling Factors of Feixianguan Formation in LuoJiazhai Gas Field, Northeastern Sichuan Basin Dr.Jouni I. Vuollo, Minghua Earth Resource MI. Working Group Chair CGI-IUGS, Exploration and Development Research Institute
16:00-16:30	Tea/Coffee Break and Online Sharing Seminar
16:30-17:00	IFEDC20206314 Docking International Rules to Build a Market Service System for China's Mineral Resource Reserves Zhang Dawei, Vice President of China Mining Property Appraisers Association
17:00-17:30	IFEDC20206308 A Comparative Study on the Classification Standards of China's Solid Mineral Resources Reserves and the United Nations Resource Classification Framework.

	Li Jian, Mineral Resources Reserve Review Center of the Ministry of Natural Resources of China
17:30-18:00	IFEDC20206320 Challenge and Opportunity on Geo-energy Resources Sustainable Development Zhenhua RUI, Research Scientist, Massachusetts Institute of Tech.
18:30-20:30	Excellent Paper Award Ceremony
September 24, 2020 (morning)	
Host: Shi Buqing, Executive Deputy Director, Overseas Research Center, China Petroleum Exploration and Development Research Institute Li Jian, Researcher of the Mineral Resources Reserve Evaluation Center of the Ministry of Natural Resources of China	
08:00-08:20	IFEDC20206311 Mapping study between “Petroleum Resources Management System (PRMS)” and “United Nations Framework Classification for Resources (UNFC)” Yang Hua, Deputy Director, Overseas Research Center, PetroChina Exploration and Development Research Institute Member of the United Nations Resource Management Expert Group, member of the SPE Reserve Committee Working Group
08:20-08:40	IFEDC-20205873 Discussion on Calculation Method and Value Evaluation of Equity Reserves under PSC Mode. Guan Heng, Exploration and Development Research Institute of Daqing Oilfield Co., Ltd.
08:40-09:00	IFEDC20206318 Application of Probability Method for Reserves Estimate in Honghe Tight Oil Reservoir Guo Mingli, Sinopec Exploration and Development Research Institute
09:00-09:20	IFEDC20206244 Unconventional Reserve Evaluation and PHD Win Li Shishen, TRC Consultants.
09:20-09:40	IFEDC20206267 Discussion on Classification Criteria of Mineral Reserves classification and its application.

	Guangdong Mineral Resources Reserve Evaluation Center.
09:40 -10:00	IFEDC20206252 Estimation Methodology on Entitlement Reserves for International Cooperation Petroleum Projects Yi Yanjing, Research Institute of Petroleum Exploration & Development, PetroChina
10:00-10:30	Tea/Coffee Break and Online Sharing Seminar
10:30-10:45	IFEDC20206106 Analysis on Oil and Gas Reserves Database Construction and Application for International Oil Company Li Zhiyu, Research Institute of Petroleum Exploration and Development;
10:45-11:00	IFEDC20206259 Scope of Quantitative Methods of Mineral Resource Classification Wang Ao, China Enfi Engineering Technology Co., Ltd.
11:00-11:15	IFEDC20206325 Risk Control in Valuation of Unconventional Resources: Taking Shale Oil Fields as an Example Shao Xinjun, Research Institute of Petroleum Exploration & Development, Southwest Oil and Gas Field Company.
11:15-11:30	IFEDC20206321 Quaternary Sedimentation Cycles of Deep-Water Area of Northeastern Bay of Bengal Prof. LUAN Xi-wu, Qingdao Institute of Marine Geology, CGS
11:30-11:45	IFEDC20205495 Comparative Study on Three Reserves Evaluation Systems of Russia, SPE-PRMS and SEC—Taking the Reserve Evaluation of the Yulubogin Block in the Eastern Siberian Basin of Russia as an Example. Xu Fengxue, Exploration and Development Research Institute, Daqing Oilfield Company Ltd., CNPC
11:45-12:00	IFEDC20206090 Decline Curve Analysis of CBM EUR Evaluation and Its Significance -

	Taking Moranbah CBM Field in Bowen Basin as an Example Xia Mingjun, Research institute of petroleum exploration & development
12:00–14:00	Buffet and Lunch Break
September 24, 2020 (afternoon)	
14:00–18:00	"International Resource Management Standards and Evaluation Technology" Training Part 1: Global Resource Classification System and Evaluation Technology Part 2: International common standard PRMS and its practical application
	Speaker: Yang Hua, Deputy Director of the Development Strategic Planning Institute of PetroChina Exploration and Development Research Institute, senior engineer, member of the United Nations Resource Management Expert Group (EGRM), member of the SPE Reserve Committee (OGRC), and CNPC Reserve Assessment Auditor.

XII. Integration of Oil and Gas Geology and Engineering

Time: September 23 (afternoon)-September 24 (morning), 2020

Venue: Longemont Hotel Conference Center 2nd Floor (Nanhui Hall)

Organizer: State Key Laboratory of Oil and Gas Reservoir Geology and Development Engineering

September 23, 2020 (afternoon)
Moderator: Wang Xingjian, Chengdu University of Technology, Professor Zhu Haiyan, Chengdu University of Technology, Professor, Director of Sichuan Shale Gas Exploration and Development Engineering Laboratory

14:00-14:15	Integration of Exploration and Development Ideas and Technological Innovation Lead the Production Breakthrough of Linxing Tight Gas Field Fang Maojun, CNOOC Research Institute, New Energy Research Center, Chief Engineer of Oil and Gas Field Development
14:15-14:30	Design and Practice of Geological Engineering Integration in Block 227 of Salt in Shengli Oilfield Zhang Liaoyuan, Shengli Oilfield Engineering Technology Research Institute, Deputy Director of Fracturing Institute, Senior Engineer
14:30-14:45	Study on Four-dimensional Geostress Evolution and Complex Fracture Propagation Mechanism of Shale Gas Infill Well Reservoir. Zhu Haiyan, Chengdu University of Technology, Professor/Doctoral Supervisor.
14:45-15:00	Fracturing Parameters Optimization of WeiYuan Shale Gas Based on Geology-Engineering Integration Che Mingguang, Deputy Director of Shale Gas Research Office, Sichuan Basin Center, PetroChina
15:00-15:15	Hot dry rock fracture propagation law and heat storage construction-heat exchange integrated simulation exploration He Jiayuan, Sinopec Petroleum Exploration and Development Research Institute, Assistant Director, Senior Engineer
15:15-15:30	Integrated Research on Re-fracturing of Low-permeability Reservoirs with Coupling of Seepage-stress and Three-dimensional Hydraulic Fracturing Zhang Fengshou, Tongji University, Professor
15:30-15:45	Design and implementation of integrated geo-engineering fracturing for deep shale gas wells Huang Haoyong, Senior Engineer, Southwest Oil and Gas Field Shale Gas Research Institute, Well Completion and Fracturing Research Institute
15:45-16:00	Research on the Mechanism of Shale Gas Jacket Deformation and Integrated Prevention and Control Technology Wang Xiangyang, Senior Engineer, CNPC Engineering Technology Research Institute Co., Ltd.
16:00-16:30	Tea/Coffee and E-poster Session for Sharing
16:30-16:45	Eastern Buried Hill Imaging Technology Wang Xingjian, Chengdu University of Technology, Professor.

16:45-17:00	<p>Characterization of Hydraulic Fractures in Shale Gas of Weiyuan Longmaxi Formation</p> <p>Zheng Yunchuan, Chuanqing Drilling Downhole Operation Company, Deputy Director of R&D Center</p>
17:00-17:15	<p>Research on the Application of Geological Engineering Integrated Simulation in Fracture Disturbance in Mahu Area</p> <p>Tang Huiying, Southwest Petroleum University, Associate Professor</p>
17:15-17:30	<p>Multi-factor and multi-scale 3D Factorability Model and Application of Tight Sreservoir</p> <p>Tao Lei, Chengdu University of Technology, Lecturer/PhD</p>
17:30-17:45	<p>Application of Geological Engineering Integration Research in the Efficient Development of an Oilfield in Western China</p> <p>Huang Xingning, Baker Hughes Company, Senior Consultant of Geomechanics</p>
17:45-18:00	<p>Development and Application of Deep Hole Fracturing Technology for Hard Rocks in Underground Coal Mines</p> <p>Sun Xiaodong, Associate Researcher, China Coal Mining Research Institute Co., Ltd.</p>
18:30-20:30	<p style="text-align: center;">Excellent Paper Award Ceremony</p>

September 24, 2020 (morning)	
Host: Wang Xingjian, Chengdu University of Technology, Professor, PhD supervisor Tang Xuhai, Wuhan University, Professor, PhD supervisor	
08:00-08:15	Research on Simulation Algorithm of Complex 3D Hydraulic Fracture Evolution in Fractured-vuggy Reservoir Tang Xuhai, Wuhan University, professor/doctoral supervisor
08:15-08:30	Influence of Fracture Surface Roughness on Shale Propped Fracture Conductivity Liu Yuxuan, Southwest Petroleum University, Associate Professor
08:30-08:45	Coupling Characteristics of Coal Structure and Ground Stress and its Control on Fracturing Ren Pengfei, Chengdu University of Technology, Associate Researcher
08:45-09:00	In-situ Characterization of Shale Horizontal Wells and Three-dimensional Visualization Evaluation of Mining Effect Ou Chenghua, Southwest Petroleum University, professor/doctoral supervisor
09:00-09:15	Evaluation Method of Gas-water Distribution and Adsorbed Gas Volume in Micropores of Marine High-evolved Shale Gas Reservoirs Xu Hao, Chengdu University of Technology, Lecturer/PhD
9:15-9:30	Evaluation Method of Hydraulic Fracturing Effect Based on Acoustic Logging Technology Li Zhen, Chengdu University of Technology, Lecturer/PhD
9:30-9:45	Analysis of Mechanical Response of Shale Wellbore under Fracturing Conditions Yin Fei, Chengdu University of Technology, Associate Professor
10:00-10:30	Tea/Coffee Break E-poster Seminar for Sharing

E-poster Seminar for Sharing

Venue: Exhibition Hall, 1st Floor, Conference Center, Longemont Hotel

September 23, 2020 (morning)		
10:00-10:30	E-poster Seminar Venue (No.1 Screen)	<p>IFEDC20205923</p> <p>Sandbody Genesis and Hydrocarbon Accumulation Mechanism of Beach-bar of Tongbomiao Formation in Tanan Depression.</p> <p>Sui Liwei, Research Institute of Exploration and Development of Daqing Oilfield Co. Ltd.</p>
		<p>IFEDC20205077</p> <p>The Diversity of Diagenesis and Its Affect in Development of Reservoir in J3o Carbonate Rock from M Gas Field in Amu Darya Basin.</p> <p>Xia Huiping, CNPC CCDC GEOLOGICAL EXPLORATION & DEVELOPMENT RESEARCH INSTITUTE.</p>
	E-poster Seminar Venue (No.2 Screen) 8-9	<p>IFEDC20205799</p> <p>The Effect of Formation Temperature Recovery on Production in Shale Oil Reservoir during Silencing</p> <p>Jia Leilei, China university of petroleum (Beijing)</p>
		<p>IFEDC20206131</p> <p>Development and Test of Deep CBM Pressure and Shape Maintaining Coring Tool</p> <p>Wang Xigui, 1. School of Petroleum Engineering, China University of Petroleum (East China) 2. GWDC Drilling Engineering and Technology Research Institute</p>
	E-poster Seminar Venue (No.3 Screen)	<p>IFEDC20204853</p> <p>Application of Seismic-geological Integrated Analysis Method in the Study of Deep-water Sedimentation in Rowuma Basin.</p> <p>Sun Hui, Hangzhou Research Institute of Geology, PetroChina; Senior Engineer.</p>
		<p>IFEDC20205480</p> <p>Study on Sandbody Overlaying Rules of the 1st Member of the Second Member of Shahejie Formation in Block 7 of Shengtuo Oilfield.</p>

		Yu Kaidi, China University of Petroleum
	E-poster Seminar Venue (No.4 Screen) 4	<p>IFEDC20205161 Equivalent Capacitance-resistance Model(E-CRM) used to Determinate Interwell Connectivity. Li Yurun, China university of petroleum (east china)</p> <p>IFEDC20205334 Research on Reasonable Development Methods of Small Dip Angle Layered Gas Cap Reservoir. Zeng Xuemei, Senior Engineer, Exploration and Development Research Institute of Daqing Oilfield Co., Ltd., Senior Engineer.</p>
	E-poster Seminar Venue (No.5 Screen)	<p>IFEDC20205852 Study on Hybrid Volume Fracturing and its Application of High Clay Carbonate Shale Oil Reservoirs Liu Xuewei, PetroChina Dagang Oilfield Company</p> <p>IFEDC20205542 The Sandstone Reservoir Prediction and Lithologic trap exploration At The Bottom Of KePingTaGe Formation In Tarim Basin Wang Mao, Korla Branch.</p>

September 23, 2020 (afternoon)

16:00-16:30	E-poster Seminar Venue (No.1 Screen)	<p>IFEDC20205726 Key technology of time-lapse processing on Land. Yang Huidong, BGP, Senior Engineer.</p> <p>IFEDC Synthesis and analysis of hydrophobic tail polymers (SPC16 and SPC18) with addition of β-CD by host-guest inclusions Allah Bakhsh, China University of Petroleum Qingdao, PhD student.</p>
	E-poster Seminar Venue (No.2 Screen) 7	<p>IFEDC20205623 Optimization Design of Fracturing Scheme for Chemical Flooding Injection Wells of Class III Reservoir in Block A of Xingbei Development Zone Wei Wenwen, Experiment Unit of No.4 Oil Production Company.</p>

		<p>IFEDC20204932</p> <p>Research and Application of Profile Adjustment Technology for Fengcheng Super Heavy Oil Sludge</p> <p>Dong Zhenjie, Fengcheng Oilfield Operation District of PetroChina Xinjiang Oilfield Company.</p>
	<p>E-poster Seminar Venue</p> <p>(No.3 Screen) 8-5</p>	<p>IFEDC20206185</p> <p>Application of Cubic Equation of State in Shale Gas Adsorption Research</p> <p>Wu Xiaojun, State Key Laboratory of Oil and Gas Resources and Exploration, PhD student</p>
		<p>IFEDC20205499</p> <p>Analysis of Meandering River Architecture Based on Physical Simulation of Sedimentation.</p> <p>Wu Jiayi, Exploration and Development Research Institute of Daqing Oilfield Co. Ltd.</p>
	<p>E-poster Seminar Venue</p> <p>(No.4 Screen) 8</p>	<p>IFEDC20205724</p> <p>Fine Geological Guidance Technology of Horizontal Wells in Tight Sandstone Gas Reservoirs.</p> <p>Fei Shixiang, 1. Research Institute of Petroleum Exploration and Development, PetroChina Changqing Oilfield Company, 2. National Engineering Laboratory for Exploration and Development of Low-Permeability Oil & Gas Fields; Senior Engineer.</p>
		<p>IFEDC20205841</p> <p>Molecular Simulation of Water Effect on Oil Transport in Montmorillonite Nanopore of Shale.</p> <p>Zhang Wei, School of Petroleum Engineering, China University of Petroleum (East China), PHD Student.</p>
	<p>E-poster Seminar Venue</p> <p>(No.5</p>	<p>IFEDC20205949</p> <p>Simulation Experiment Study on the Effect of Organic Acid on Reservoir Reconstruction.</p> <p>Gao Shan, China University of Petroleum (East China).</p>

	Screen)	<p>IFEDC20205255</p> <p>A New Method for Calculating fracture Pressure of Horizontal Wells in VTI Formation.</p> <p>Li Gaoren, Research Institute of Exploration and Development, Changqing Oilfield Company, Senior Engineer.</p>
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September 24, 2020 (morning)

10:00-10:30	E-poster Seminar Venue (No.1 Screen)	<p>IFEDC20206142</p> <p>Seismic Facies Analysis via Deep Learning with Both Clustering Performance and Feature Representation.</p> <p>Li Qixin, CNOOC Research Institute.</p>
		<p>IFEDC20204875</p> <p>New Seismic forward Method for Seismic Observing System Design.</p> <p>Lian Ximeng, Geophysical Research Institute of Shengli Oilfield Branch Company; PHD, Associate Researcher.</p>
	E-poster Seminar Venue (No.2 Screen) 9-8	<p>IFEDC20205136</p> <p>Study on the Rules of Action of Microorganism in Tar Sand Oil</p> <p>Chu Chengcheng, China University of Petroleum</p>
		<p>IFEDC20205399</p> <p>Application of Microseismic Long-term Dynamic Monitoring Technology in Shale Gas Development.</p> <p>Feng Chao, Bureau of Geophysical Prospecting INC.</p>
	E-poster Seminar Venue (No.3 Screen) 7	<p>IFEDC20205287</p> <p>DETERMINATION OF SUBDIVIDED LAYER FRACTURING FOR LOW-PERMEABILITY AND THIN INTERBEDDED RESERVOIRS IN Y OILFIELD</p> <p>Li Zhiyong, Yushulin Oilfield Development Company Ltd.</p>
		<p>IFEDC20204897</p> <p>Research on Productivity Evaluation Methods of Gas Wells in Low Permeability Carbonate Reservoir</p> <p>Xie Shan, National Engineering Laboratory for Low-Permeability Petroleum Exploration and Development.</p>
	E-poster Seminar Venue	<p>IFEDC20205775</p> <p>Study on EOR Method in High Water Cut Stage of Low Permeability Chaoyang Gou Oilfield.</p>

	(No.4 Screen) 8	Fu Xianping, No. 10 oil production plant of Daqing Oilfield Co., Ltd ; Senior Engineer.
		IFEDC20205286 An Experimental Comparison of CO2 Huff-n-puff Process in Shale and Tight Reservoirs. Lv Wei, School of Petroleum Engineering, China University of Petroleum (East China), PHD Student.
10:00-10:30	E-poster Seminar Venue (No.5 Screen) 5-8	IFEDC20205750 The study of Multi-method synergistic characterization of heterogeneous gas reservoir boundary in Sulige Gas Field. Zhang Chen, Research Institute of Exploration and Development of ChangQing Oilfield Company.
		IFEDC20206037 Study on Tight Sandstone Reservoir Characteristics of Shanxi Formation in Shenfu Area Dou Songlin, China University of Petroleum (East China).

September 24, 2020 (afternoon)

15:30-16:00	E-poster Seminar Venue (No.1 Screen)	IFEDC20206025 The Detection Method of Oil and Gas in Thin Interlayer Reservoir based on Principal Component Analysis of Low frequency Seismic Information Shi Xiaohui, Research Institute of Petroleum & Development-Northwest (NWGI);PetroChina.
		IFEDC20206203 Research and Application of Mobile App for Digital Oil and Gas Reservoir in Changqing Oilfield Jiao Yang, Research Institute of Exploration and Development, Changqing Oilfield Company
	E-poster Seminar Venue (No.2 Screen) 7	IFEDC20204903 Study on Improving Water-flooding by Injection Well Volume Fracturing in Ultra-low Permeability Reservoirs. Ma Li, Exploration and Development Research Institute of Petrochina Changqing OilfieldCompany

		<p>IFEDC20205739</p> <p>Study on the Technology of Imbibition in Ultra-low Permeability Reservoir.</p> <p>Hu Yafei, RIPED</p>
	<p>E-poster Seminar Venue (No.3 Screen) 7</p>	<p>IFEDC20205955</p> <p>Discussion on the Formation Mechanism of Complex Fracture Network of Temporary Plugging Construction Technology.</p> <p>Hou Lin, Chengdu University of Technology</p>
		<p>IFEDC20205504</p> <p>Research on Real-time Monitoring of Adjacent Well Pressure and early Warning Method of Pressure Channeling Risk during Fracturing Flooding</p> <p>Deng Hengjian, Daqing Logging & Testing Services Company</p>
	<p>E-poster Seminar Venue (No.4 Screen) 8</p>	<p>IFEDC20206124</p> <p>Study on Reservoir Characteristics of Tight Sandstone of Shanxi Formation in Block L in the Northeastern of Ordos Basin.</p> <p>Yang Lei, CNOOC Research Institute Co., Ltd.;PHD, Senior Engineer.</p>
		<p>IFEDC20205071</p> <p>Discussion and Practice on Negative Displacement Design of Large Shale Oil Drilling Platform</p> <p>Gao Yunwen, Changqing Oilfield Oil & Gas Technology Research Institute.</p>
	<p>E-poster Seminar Venue (No.5 Screen) 8</p>	<p>IFEDC20205344</p> <p>Canadian Oil Sands Pyrolysis Behaviors Based on SAGD Technology</p> <p>Qu Xiao, China University of Petroleum (East China).</p>
		<p>IFEDC20205880</p> <p>Study on Identification Method of Fluid Property in Tight Carbonate Reservoir: A case study of the Ordos Basin Shenmu-shuangshan Area.</p> <p>Wang Shuhui, Research Institute of Petroleum Exploration and Development, PetroChina Changqing Oilfield Company.</p>

