



2022



油气田勘探与开发国际会议

International Field Exploration and Development Conference 2022

会议预告刊

Conference Preview Guide

2022年11月16 – 18日

16 – 18 November, 2022

中国 · 西安

Xi' an China

LETTER FROM THE IFEDC ORGANIZING COMMITTEE

Dear colleagues,

We're thrilled that you've joined us for International Field Exploration and Development Conference 2022 in Urumqi, China. At the same time, the event will be held both online and offline simultaneously.

The theme of IFEDC 2022 is Integration of Geology and Engineering to Improve the Efficiency of Exploration and Development of Complex Oil and Gas Reservoirs and it is made of 11 oral sessions, 800+ presentations with an estimated number of 1,800 participants. This remarkable gathering of thousands of engineers and professors from all over the world will provide ample opportunity to share our best practices and advances in knowledge and technology. We'd like to thank everyone who has put together technical and e-poster presentations. Your support contributions so much to ensuring a bright future in an exciting petroleum world.

We hope that you enjoy and are thoroughly inspired and edified by IFEDC 2022!

Sincerely,

IFEDC Organizing Committee

Organization

Organizers	PetroChina Xinjiang Oilfield Company (Xinjiang conglomerate reservoir Laboratory)
	Xi' an Shiyou University
	Shaanxi Petroleum Society
Co-organizers	Heilongjiang Petroleum Society
	Liaoning Petroleum and Petrochemical Society
	China University of Petroleum
	Youth Working Committee of China Petroleum Society
	China Petroleum Logging Co., Ltd.
	CNPC Western Drilling Engineering Co., Ltd.
	CNPC Chuanqing Drilling Engineering Company Limited
	BGP INC. China National Petroleum Corporation
	CNPC Engineering Technology R&D Company Limited
	PetroChina Research Institute of Petroleum Exploration &
	PetroChina ChangQing Oilfeild Company
	PetroChina Tarim Oilfield Company
	PetroChina Southwest Oil & Gasfield company
	Sinopec North China Petroleum Bureau
	Sinopec Shengli Oilfield Company
	Sinopec Northwest China Petroleum Bureau
	Key Laboratory of Enhanced Oil Recovery for Fractured Vuggy Reservoirs, Sinopec
	CNOOC (China) Co., Ltd. Tianjin Branch
	Yanchang Oilfield Co., Ltd.
	Sinochem Petroleum Exploration & Production Co., Ltd.
	National Energy Research and Development Center for Sustainable Exploitation of Old Continented Sandstone Oilfields
	Western Low Permeability-Ultra Low Permeability Reservoir Development and Management of the Ministry of Education Engineering Research Center
	Heilongjiang Key Laboratory of Reservoir Physics and Seepage Mechanics

Excutors

Shandong Provincial Key Laboratory of Reservoir Geology

State Key Laboratory of Seepage and Rock Mechanics of Oil and Gas Wells and Reservoirs in Shaanxi Province

State Key Laboratory of Special Technology of EOR in Shaanxi Province

National Engineering Laboratory for Exploration and Development of Low Permeability Oil and Gas Fields

State Key Laboratory of Oil and Gas Reservoir Geology and Exploration

National Engineering Research Center for Oil & Gas Drilling and Completion Technology

Heilongjiang Province Key Laboratory of Continental Shale Oil

Heilongjiang Province Key Laboratory of Hydrocarbon Reservoir Production and Injection

Unconventional Oil and Gas Exploration and Development Collaborative Innovation Center in Shaanxi Province

College of Petroleum Engineering, Xi'an Shiyou University

PetroChina Conglomerate Reservoir Exploration and Development Key Laboratory

Xinjiang Uygur Autonomous Region Petroleum Society

Petroleum Engineering Professional Committee, Shaanxi Petroleum Society

Academician and Expert Workstation of Xinjiang Oilfield Company

Key Laboratory of Shale Oil Exploration and Development, Xinjiang Oilfield

China University of Petroleum-Beijing at Karamay

Xi'an Sinoline Petroleum Science & Technology Co., LTD.

Event Schedule

Date	Venue	Program	Co-organized by
15 November	Convention Center 2nd Floor Lobby	Registration and Materials Collection	Conference Affair Committee
16 November (AM)	Conference Room 3-5, 3rd Floor	Opening Ceremony	Technical Program Committee
		Panel Sessions and Keynote Presentation Sessions	Technical Program Committee
16 (PM) - 18 November	Session 1 Conference Room 3-1, 3rd Floor	Field Geophysics Well Logging Session	CNPC Logging Co., Ltd.
		Deep and Ultra Deep Reservoirs Exploration and Development Session	Tarim Oilfield Branch ,CNPC
	Session 2 3-3 Hanzhong Hall, 3rd floor	Reservoir Exploration Technology Session	Bureau of Geophysical Prospecting INC., China National Petroleum Corporation
	Session 3 Conference Room 3-9, 3rd Floor	Petroliferous Basins Evaluation and Oil & Gas Accumulation Session	Sichuan Basin Research Center, PetroChina Exploration and Development Research Institute
		Geothermal Resources Exploration and Development Session	Shaanxi Hydrogeology Engineering Geology and Environmental Geology Survey Center
		Coalbed Methane Exploration and Development Session	China Coal Science and Technology Group (CCTEG China Coal Technology Engineering Group) Xi'an Research Institute Co., Ltd
	Session 4 3-2 Tongchuan Hall, 3rd floor	Fine Reservoir Description Session	Shandong Key Laboratory of Reservoir Geology; School of Earth Science and Technology, China University of Petroleum (East China)
	Session 5 Conference Room 3-8, 3rd Floor	Complex Reservoir Percolation Theory and Numerical Simulation Session	Reservoir Engineering Institute, School of Petroleum Engineering, China University of Petroleum (East China); State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation
		Oil and Gas Field Chemical Technology Session	CNPC Key Laboratory of Oil Field Chemistry

	Session 6 Conference Room 3-10, 3rd Floor	Reservoir Drilling & Completion Session	CNPC Engineering Technology Research Institute Co. LTD.; National Engineering Laboratory of Oil and Gas Drilling Technology
	Session 7 Conference Room 3-7, 3rd Floor	Oil & Gas Production Engineering Session	Production Engineering & Research Institute, Daqing Oilfield
		Gas Storage Construction Session	Petroleum Exploration & Production Research Institute, SINOPEC
	Session 8 3-6 Yulin Hall, 3rd floor	Enhanced Oil Recovery in Oil & Gas Fields Session	Oil Field Development Institute, PetroChina Research Institute of Petroleum Exploration and Development
	Session 9 3-11 Yan'an Hall, 3rd floor	Complex Reservoir Dynamic Monitor and Analysis Session	Reservoir Monitoring and Management Research Institute, Xi'an Shiyou University
		Artificial Intelligence and Big Data in Oil & Gas Field Session	Kunlun Digital and Intelligent Technology Co., Ltd.
	Session 10 2nd floor 2-7 8-1 hall	Conglomerate reservoir Exploration and Development Session	Xinjiang Conglomerate Reservoir Laboratory
		Shale Oil & Gas Exploration and Development Session	Key Laboratory of Shale Oil Exploration and Development, Xinjiang Oilfield
	Session 11 Conference Room 2-8, 2nd Floor	Efficient Development of Low Permeability/ Tight Oil & Gas Reservoir Session	China University of Petroleum-Beijing at Karamay
17 November (PM)	Session 12 3-12 Shangluo Hall, 3rd floor	High-end Seminars	College of Petroleum Engineering, Xi'an Shiyou University
16 November (PM)	State Banquet Room, Building 18	Excellent Paper Award Ceremony	Technical Program Committee
16-18 November	Meeting Room Front Porch	E-poster Seminars for Sharing	Conference Organizing Committee
16-18 November	Meeting Room Front Porch	Technical Product Exhibitions	Conference Organizing Committee

Note: 1. The above conference venues are in Xinjiang International Convention and Exhibition Center;

2. The conference will be held online and offline simultaneously;

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Panel Sessions and Keynote Presentation Sessions

15 November, 2022	
7:00-20:00	Registration and Materials Collection (Venue: Shaanxi Hotel Conference Center, Xi'an)
16 November, 2022 (AM)	
(Venue: Shaanxi Hotel Conference Center, Xi'an)	
8:00-8:30	Opening Ceremony (Host: LI Hua, Professor&Vice Principal, Xi'an Shiyou University) Speech by leaders of Xinjiang Uygur Autonomous Region Science and Technology Association Speech by Executive Director Liqiang Yang of Xinjiang Oilfield Company, PetroChina, Speech by President Tiantai Li of Xi'an Shiyou University
8:30-10:00	Panel Sessions (Host: ZHOU De-sheng, Dean of College of Petroleum Engineering, Xi 'an Shiyou University) Commucation and Discussion by International Top Experts and Academician
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Keynote Presentation Sessions	
Host: FANG Zhi-xiong, Sinopec Jiangsu Petroleum Exploration Bureau Co., Ltd., Executive Director LI Ya-lin, Tarim Oilfield Branch, CNPC, Vice General Manager	
10:30-10:50	Topic to be determined LI Gen-sheng, Member of the Chinese Academy of Engineering, Academic Committee Chair
10:50-11:10	Complex Accretionary Orogenic Processes and Resource Effects in Central Asia XIAO Wen-jiao, Academician of Chinese Academy of Sciences, President of the Xinjiang Branch of the Chinese Academy of Sciences
11:10-11:30	Smart Oilfield ZHANG Dong-xiao, Academician of U.S. National Academy of Engineering, Academic Vice President of Southern University of Scdice and Technology

11:30-11:45	Fracture Modeling of Shale Oil and Gas Reservoirs in Texas Syed M Farouq Ali, University of Houston, Professor
11:45-12:00	Key Technology and Industrial Application of Drilling and Fracturing for Beneficial Development of Jimsar Shale Oil ZANG Chuan-zhen, Xinjiang Oilfield Comt pany, CNPC, Chief Engineer
12:00-14:00	Buffet Lunch and Break

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Session 1 Location: Conference Room 3-1, 3rd Floor

Field Geophysics Well Logging Session

Co-organized by: CNPC Logging Co., Ltd.

DATE: 16 November, 2022 (PM) - 17 November, 2022 (PM)

Deep and Ultra Deep Reservoirs Exploration and Development Session

Co-organized by: Tarim Oilfield Branch ,CNPC

DATE: 18 November, 2022 (AM)

16 November, 2022 (PM)	
Field Geophysics Well Logging Session	
Host: CHEN Bao, CNPC Logging Co., Ltd., Deputy General Manager CHEN Xiang, Sinopec Henan Oilfield, Deputy General Manager	
Explain the Evaluation	
14:00-14:20	IFEDC202211618 Reservoir Characteristics and Logging Evaluation Method of Kongdian Formation in Bohai M Gas Field ZHANG Zhi-hu, EnerTech-Drilling and Production Co.
14:20-14:40	IFEDC202211548 Application of Deep shear Wave Imaging in Evaluation of Near Borehole Hidden Reservoir ZHANG Cheng-sen, Tarim Oilfield Exploration and Development Research Institute
14:40-15:00	IFEDC202212532 Optimization of Conventional Logging Series in Jimusar Shale Oil Reservoir LI Xian-kun, College of Earth Science, University of Chinese Academy of Sciences

15:00-15:15	IFEDC202211829 Study on the Evaluation Method of Matrix Shale Oilstone Facies in Depression Zone GUAN Qian-qian, Shengli oil field exploration and Development Research Institute Shengli oil field exploration and Development Research Institute
15:15-15:30	IFEDC202211354 Study on Optimization Method of Multistage Fracturing and Segmented Cluster Selection in Low-permeability Conglomerate Horizontal Wells CHEN Hua-yong, Xinjiang branch of PetroChina logging Co., Ltd.
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Explain the Evaluation	
16:00-16:20	IFEDC202211911 Specific Logging Evaluation Technique of Intermediate Basic Volcanic Gas Reservoirs DONG Li-xin, Daqing Branch of China Petroleum Logging CO. LTD
16:20-16:40	IFEDC202212437 Application of Imaging Interpretation Technology of Injection -Production Profile in Tuha Oilfield WANG Cheng-rong, TuHa Division
16:40-17:00	IFEDC202211711 Tarim Oilfield Reservoir in Carbonate Formation Low Resistance Factor and Well Logging Evaluation LI Xiao-long, The division of Hade oil and gas development
17:00-17:20	IFEDC202211086 Evaluation Method of Fracture Effectiveness Under the Condition of Oil-Based Mud in Bozi And Dabei AI Yong, Research Institute of Exploration and Development, Tarim Oilfield Company, Petro China
17:20-17:40	IFEDC A Logging Evaluation Method for Reservoirs Containing Turbidite Conglomerates based on the Characterization of Diagenesis MAO Rui, Research Institute of Exploration and Development, Xinjiang Oilfield Company, CNPC

17:40-18:00	IFEDC202212221 Identification Method of Igneous Rock Lithofacies based on Cluster Analysis CAO Zhi-feng,Xinjiang Branch,China Petroleum Logging CO.LTD
18:30-20:00	Excellent Paper Award Ceremony
17 November, 2022 (AM)	
Host: Yang Lin, CNPC Logging Co., Ltd., Chief Expert Qing Min-jun, CNPC Logging Co., Ltd., Chief Engineer	
Logging Methods	
08:00-08:20	IFEDC202212451 Numerical Simulation Study of Time Domain Electromagnetic Well Logging Response Characteristics based on Magnetic-Electric Hybrid Mode XIAO Zhan-shan,China National Logging Corporation
08:20-08:40	IFEDC202211572 Look-Around Detection Performances of a New Transient Directional Electromagnetic Measurement YUAN Xi-yong,Sinopec Matrix Corporation
08:40-09:00	IFEDC202211740 The Study on 2D MRIL-P Logging and Its Application in Junggar Basin LIU Zhi-long, Logging Research Institute of PetroChina logging Xinjiang Branch
09:00-09:15	IFEDC202211528 Research and test of Crosswell Electromagnetic Logging Technology CHAO Yong-sheng, Research Institute of Geological Measurement and Control Technology of Sinopec Jingwei Co., Ltd.
09:15-09:30	IFEDC202211858 Experimental Analysis of Environmental NMR Logging Response Characteristics of Oil-Based Mud HU Ying-luan, Xinjiang Branch

09:30-09:45	IFEDC202212607 New Technology for Low Permeability Formation Testing ZUO You-xiang, CNOOC Oilfield Services Co., Ltd
09:45-10:00	IFEDC202211253 Feasibility Study of Using Electromagnetic Forward Data to Simulate and Predict the Position of Anomalous Body based on Neural Network ZHONG Lian-cheng, School of Electrical Engineering and Information, Southwest Petroleum University
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Logging Equipment	
10:30-10:50	IFEDC202211331 Design of Formation Element Logging Tool LI Guo-ying, East Center of Material Equipment Company of China Petroleum Logging Company
10:50-11:10	IFEDC202211869 Application Advantages of High Temperature and High Pressure Direct Push Storage Logging Technology in Ultra-deep wells of Fuman Oilfield NI Xiao-wei, PetroChina Tarim Oilfield Branch
11:10-11:30	IFEDC202210951 Nonlinear Error Calibrate Method of the FITS AFIT LIANG Xiao-bing, Logging Technology Research Institute of CNPC
11:30-11:45	IFEDC202213077 Design and Application of Storage Array Induction Logging CIRCUIT DSP2808 YOU Chang, CNPC Logging Equipment Co., LTD
11:45-12:00	IFEDC202212302 Design and Application of FITS Thru-Pipe Dipole Array Acoustic Logging Tool HUANG Fei, Logging Technology Research Institute of CNPC logging Co.
12:00-14:00	Lunch buffet and break
17 November, 2022 (PM)	

Host: TAN Zhong-jian, Tianjin Branch of China National Offshore Oil Company Ltd., Professorial Senior Engineer, Conference Reviewers XIAO Zhan-shan, CNPC Logging Co., Ltd., Experts	
Logging Equipment	
14:00-14:20	IFEDC202212161 Design and Application of High-Resolution Azimuth Ultrasonic Borehole Caliper Imaging Tool while Drilling TENG Xin-miao, CNPC Engineering Technology Research and Development Company Limited
14:20-14:40	IFEDC202212647 Feasibility Study of Thermal Insulation Perforation Guns for Thermally Exploited Oil and Gas Wells WANG Ying, China National Petroleum Corporation Logging Co. Ltd
14:40-15:00	IFEDC202213012 Application of Ultra-deep Multi Resistivity Boundary Detection with GeoSphere Tool Lead to Successful Horizontal Well Geology Steering in Bohai Oilfield MA Chao,CNOOC (China) Ltd. Tianjin
15:00-15:15	IFEDC202211117 Application of the New 102 Ultra-Deep Penetration Perforator in Well F481-P1 CAI Shan, Formation Testing and Production Testing Company
15:15-15:30	IFEDC202211231 Research and Practice on Improving the Depth Calibration Accuracy of Fixed-point Wireline Sampling Tools LU Jing-wu,Material equipment Company, China Petroleum Logging co.,LTD.
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Computational Methods and Petrophysics	
16:00-16:20	IFEDC202211989 Study on the Variation Law of Calculation Parameters of Gas Saturation in Shale Gas Reservoirs in Southern Sichuan SHI Qiang, PetroChina Research Institute of Petroleum Exploration &

16:20-16:40	IFEDC202212453 A Method for Determining Irreducible Water Saturation based on Pore Structure Type LIN Xue-chun, Research Institute of Exploration and Development, PetroChina Dagang Oilfield Company
16:40-17:00	IFEDC202212289 A Permeability Calculation method based on Special Petro-physical Rock Typing GUO Zhen-hua, CNPC Logging Technology Service Co., Ltd
17:00-17:15	IFEDC202212066 Comparison and Analysis of Statistical Regression Method and Seepage Formula Method in Fractured Productivity Prediction XU Shu-mei, Daqing Branch, China Petroleum Logging CO.LTD.
17:15-17:30	IFEDC202212598 The Calculation Method of In-situ Stress in Tight Sandstone Reservoir when Density Logging Curve Deficient SU Ze-zhong, College of Petroleum Engineering
17:30-17:45	IFEDC202210873 Rock Mechanics and Wellbore Stability Analysis in Chinook Ridge field YAN Ping, China National Logging Corporation Geological Research Institute
17:45-18:00	IFEDC202211208 Wellbore Stability Analysis Model Considering Hydration Damage JIANG Shao-long, CNOOC Energy Development Co. LTD
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
Deep and Ultra Deep Reservoirs Exploration and Development Session	
Host: HAN Jian-fa, Tarim Oilfield Branch, CNPC, Professorial Senior Engineer, Conference	
Reviewers QIN Jia-zheng, Southwest Petroleum University, Professor	

08:00-08:15	IFEDC202212643 Research and Application of Key Technologies for Dolomite Reservoir Prediction of Maokou Formation--Taking the North Slope Area of Sichuan Basin as an Example LI Jie, Southwest Geophysical Exploration Branch of CNPC Orient Geophysical Exploration Co., Ltd
08:15-08:30	IFEDC202212715 Fractured Reservoir Prediction of Weathering Zone in Buried Hill Gas Field FAN Peng-jun, CNOOC Research Institute Co., Ltd
08:30-08:45	IFEDC202212640 Key Technology and Application of Dolomite Reservoir Prediction of Qixia Formation in Central Sichuan HE Chuan-hang, BGP
08:45-09:00	IFEDC202211575 Structural Characteristics and Exploration Research Direction of Reservoir-Forming Combination in the Lower Part of Southern Junggar Basin YU Bao-li, Bureau of Geophysical Prospecting INC.,China National Petroleum Corporation, Urumqi Branch
09:00-09:15	IFEDC202212115 Geological Characteristics and Exploration Practice of Deep Carbonate Buried Hills in Nanpu Sag WANG Zheng-jun, PetroChina Jidong Oilfield Company
09:15-09:30	IFEDC202211817 Integrated Geological Engineering Exploration Practice of Jurassic Deep Tight Sandstone Gas Reservoir in Tuha Basin ZHANG Hua, Exploration and Development Research Institute of PetroChina Tuha Oilfield Company
09:30-09:45	IFEDC202212052 Reservoir Characteristics and Performance Evaluation of No.5 and No.10 Fault Zone of FUMan Oil Field in Tarim Basin LIU Zhi-liang, Petroleum Exploration and Production Research Institute of Petrochina Tarim Oilfield Company
09:45-10:00	IFEDC202211874 Reservoir Model and its Formation Mechanism of the Archeozoic Metamorphic Buried Hill in the Bohai Area, East China LIU Bo, Research Institute of Exploration and Development, PetroChina Tarim Oilfield Company

10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC202213123 Study on Buckling Deformation and Erosion Behavior of Tube Column in High Temperature and High Pressure Ultra - deep Well XIANG Zhi-peng, Xinjiang Oilfield Engineering Technology Research Institute
10:45-11:00	IFEDC202212864 An Improved Method for Calculating Dynamic Reserves of Fractured Vuggy Reservoirs LE Ping, School of petroleum and natural gas engineering
11:00-11:15	IFEDC202212737 Study on Calculation Method of Fracture Opening Pressure in Fractured Vuggy Carbonate Reservoir in Tarim Oilfield WANG Xia, Tarim oilfield
11:15-11:30	IFEDC202211142 Key Technologies to Improve Fracturing Effect of Deep Fractured Bedrock Gas Reservoir LIU Yong, Institute of Drilling & Production Technology, PetroChina Qinghai Oilfield Company
11:30-11:45	IFEDC202212241 Numerical Simulation Method in Fractured-Caved Reservoir Combining Geological and Dynamic Modification to Model ZHANG Qi, Research Institute of Petroleum Exploration and Development, CNPC
11:45-12:00	IFEDC202211152 Reservoir Geological Modeling and Numerical Simulation of Yingmai 2 Fracture-Vuggy Carbonate Reservoir YANG Hui, PetroChina Tarim Oilfield Company Yingmai oil and Gas Development Department
12:00-14:00	Buffet Lunch and Break

Session 2 Location : 3-3 Hanzhong Hall, 3rd floor

Reservoir Exploration Technology Session

Co-organized by: Bureau of Geophysical Prospecting INC., China National Petroleum Corporation

Date: 16 November, 2022 (PM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Reservoir Exploration Technology Session	
Host: DENG Zhi-wen, Eastern Geophysical Exploration Co Ltd, Chief Technologist YUN Lu, Sinopec East China Oil & Gas Company, General Manager	
Reservoir Prediction and Oil Reservoir	
14:00-14:20	IFEDC202212828 Comprehensive Prediction of Carboniferous KT- II Shoal Thin Reservoirs in the Eastern Margin of the Pre-Caspian Basin WU Jia-peng, International Company of China National Logging Corporation, CNPC
14:20-14:40	IFEDC202213236 The Influence of Electrophoresis on Nanoparticle Applications on Reservoir Sandstone for Oil Mobility Surajudeen Olalekan Sikiru, Universiti Teknologi Petronas Malaysia, Postdoctoral Researche
14:40-15:00	IFEDC202212716 High-Resolution Prestack Bayesian Sequential Stochastic Inversion LUO Ya-neng, CNPC Orient Geophysical Exploration Co., Ltd
15:00-15:15	IFEDC202211871 Bayesian Inversion Method based on Multi-Frequency Band Fusion Modeling -a Case Study of Zhaohuangzhuang Area in Raoyang Depression LIU Hong-zhou, Exploration and Development Research Institute of Huabei Oilfield Company

15:15-15:30	IFEDC202212559 Seismic Method for Exploration Oil and Gas Reservoirs Mohammed Raed Saad, University of Mosul
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Seismic Data Acquisition	
16:00-16:20	IFEDC202211145 Junggar Broad-bandwidth High-density Seismic Acquisition and its Application XIA Jian-jun, BGP Inc.CNPC
16:20-16:40	IFEDC202210851 Study on High Efficiency Quality Control Method of Seismic Field Acquisition WEI Xin-jian, Research Institute of Petroleum Exploration&
16:40-17:00	IFEDC202213251 3D High-efficiency Acquisition Technology and Effect of Dense Forests and Urban Areas in Loess Mountains DU Zhong-dong, BGP Inc.CNPC
17:00-17:15	IFEDC202213196 Optimization Design Method of 3D Seismic Acquisition in Loess Plateau based on DEM BAO Hong-gang, Sinopec Geophysical Corporation
17:15-17:30	IFEDC KLSeis II seismic acquisition engineering software system for sea and land MEN Zhe, Geophysical Research Institute, BGP Inc. of CNPC
17:30-17:45	IFEDC202211092 The S-wave 3D Vector Seismic Near-Surface Modeling WANG Hai-li, BGP CNPC
17:45-18:00	IFEDC202211542 Application and Effect of Whole-Node Seismic Technology in Bonan area WANG Yan-jun, Geophysical Research Institute of Shengli Oilfield
18:30-20:00	Excellent Paper Award Ceremony
17 November , 2022 (AM)	
Host: ZHANG Hong-an, Sinopec Zhongyuan Oilfield, Professorial Senior Engineer LI Pei-ming, BGP CNPC, Chief Technologist	

Exploration Geological Analysis	
08:00-08:20	IFEDC202211273 Exploration Potential of Lithologic Reservoirs of IntraGumai Formation in Block B, South Sumatra Basin ZHU Hou-qin, Petrochina Reserach Institue of Petroleum Exploration and Development
08:20-08:40	IFEDC202211369 The Key Technology of Tight Gas Seismic Exploration In Yingcheng Formation of Dehui Fault Depression In Southern Songliao Basin LUO Chun-bo, No.2 Daqing Geophysical Exploration Company, BGP
08:40-09:00	IFEDC202212653 Fine Evaluation and Actual Effect of Complex Fault Block Reservoir in Thailand LI Chun-lei, Research Institute of Petroleum Exploration and Development
09:00-09:20	IFEDC202212003 Analysis of Influencing Factors of Organic Matter Abundance in Songliao Basin and its Surrounding Modern Lake Basin SU Yang-xin, Exploration and Development Research Institute of Daqing Oilfield Co Ltd
09:20-09:40	IFEDC202213218 Petroleum Hydrogeology of the Llanos Basin, Colombia Mark Person, New Mexico Tech, Professor
09:40-10:00	IFEDC202210956 Total Petroleum System Theory Brings Significant Prospect for Efficient Exploration & Scale Reserve Increase DONG Dong, Sheng li Oil Field Luming Petroleum E&P
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Data Interpretation	
10:30-10:50	IFEDC Recent Advances in High-resolution Processing for High-precision Interpretation CAO Si-yuan, China University of Petroleum(Beijing)

10:50-11:10	IFEDC202213068 Application of Unconformity Identification and Evaluation in the Optimizing of Offshore Oilfield Development Plan YANG Wei, Tianjin Branch of CNOOC Ltd
11:10-11:30	IFEDC202212699 Modeling Strength Characteristics of Hydrate-Bearing Sediments based on Discrete Element Method CHEN Yu-qi, China University of Petroleum
11:30-11:45	IFEDC202211180 Application of PSDM Seismic Data in Pore Pressure Prediction of Overpressured Formation WANG Xi, Geophysics Research Institute, BGP CNPC
11:45-12:00	IFEDC202212809 Research on Quantitative Evaluation of Inversion Results based on Synthetic Records LI Peng-fei, Research Institute of Exploration and Development, Tarim Oilfield Company, PetroChina
12:00-14:00	Lunch buffet and lunch break
17 November, 2022 (PM)	
Host: PENG Geng-xin, Tarim Oilfield Branch ,CNPC, Professorial Senior Engineer DU Zhong-dong, BGP CNPC, Senior Technical Specialist	
Data Processing	
14:00-14:20	IFEDC202211680 Automatic Construction Method of Training Samples for Deep Seismic Weak Signal Reconstruction TIAN Kun, Shengli Geophysical Research Institute of SINOPEC
14:20-14:40	IFEDC202212678 Comparative Investigation on High Frequency and Low Frequency Response of Seismic Vibrator Baseplate Pad LI Gang, Southwest Petroleum University

14:40-15:00	IFEDC202212313 Pre-Stack Data Enhancement by Partial Common Reflection Surface stack SUN Xiao-dong, China University of Petroleum
15:00-15:15	IFEDC202212017 Application of Orthorhombic Tomography Velocity Model Building in Near-Surface Complex Area WAN Xue-juan, Research Institute of BGP Inc.,CNPC
15:15-15:30	IFEDC202212726 Research and Application of Low- and High-frequency Expansion Method based on Compressed Sensing GUO Ting-chao,Geophysics Research Institute of Jiangsu Oilfield Company, SINOPEC
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Reservoir Prediction & Geological Exploration	
16:00-16:20	IFEDC202211567 Key Technology and Application of Exploration Reservoir Modeling LU Ning, Geophysical research institute of Shengli oil field
16:20-16:40	IFEDC202212498 Prediction of the Porosity using Adaptive Neuro-Fuzzy Inference System (ANFIS) Technique DJEBBAS Faycalm, University of Kasdi Merbah –Ouargla, Lecturer
16:40-17:00	IFEDC202213080 Clay Content Analysis of Loose Argillaceous Sand Heavy Oil Reservoir Using Consolidation Model XU Guang-cheng,RIPED, Petrochina
17:00-17:20	IFEDC202213170 The Value of Integrating the Well Performance Analysis and Seismic Data for Better Characterizing Heavy Oil Reservoirs, SOSB, Oman Ahmed Elsabban and ZhongDong Xu, Sproule, Senior petroleum engineer

17:20-17:40	<p>IFEDC202211527 Sedimentary Facies Controlling Effect on the Reservoir Development for Khasib Formation in H Oilfield. WANG Jun, PetroChina Research Institute of Petroleum Exploration & Development</p>
17:40-18:00	<p>IFEDC202212512 Utilizing Advanced Reservoir Exploration Technologies to Improve the Development of Hydrocarbon Fields Mohammad F Asgharzadeh, Khajeh Nasir Toosi University of Technology, University Instructor</p>
18:30-20:30	Dinner Buffet
18 November , 2022 (AM)	
<p>Host: GAO Jun, Petroleum Exploration & Production Research Institute, SINOPEC, Professorial Senior Engineer HE Yong-qing, BGP CNPC Acquisition Technical Support Center, Chief Engineer</p>	
Data Processing	
08:00-08:20	<p>IFEDC202212752 Full Azimuth Multi-rays Prestack Depth Migration in B Block, Middle East LIU Jiang-tao, Research Institute</p>
08:20-08:40	<p>IFEDC202212567 Key Technology and Application of Tight Gas Converted Wave Processing in Shaximiao Formation in QL Area YANG Hai-tao, BGP</p>
08:40-09:00	<p>IFEDC202211266 The Application of Gaussian Beam Tomography in Tazhong area GAO Kai, China National Petroleum Corporation</p>
09:00-09:20	<p>IFEDC202212561 Application of Multi-Directional Grid Tomography Technology in Complex Mountainous Areas of Kuqa LIU Xiao-guang, Korla branch of Research Institute of BGP</p>

09:20-09:40	IFEDC202210904 Application of Seismic Imaging Technique based on VSP While Drilling in Fracture-Cavity Carbonate Reservoir FANG Bing, Tarim Oilfield Company
09:40-10:00	IFEDC202210952 Application of Fault Identification and Sealing Evaluation Technology in L2 East Block SUN Bo, Urumqi Branch, GRI,BGP Inc.
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Data Interpretation and Exploration Geological Analysis	
10:30-10:50	IFEDC202212172 Influence of Fault Modeling on Reservoir Prediction Accuracy HUANG Li, Geophysical Research Institute, BGP CNPC LiaoHe Branch
10:50-11:10	IFEDC202211177 Research and Application of Dichotomous Logging Environment Correction based on Dual Constraints WANG Li-li, BGP Urumqi Geophysical research institute
11:10-11:30	IFEDC202211948 Hydrothermal Dissolution of Permian Limestone and Its Influence on Reservoirs in Ordos Basin FU Xun-xun, Institute of Exploration and Development
11:30-11:45	IFEDC202212012 Similar Surface Modeling Method YU Bao-hua, BGP CNPC
11:45-12:00	IFEDC202212950 Application of Curvelet Transformation for Fracture Enhancement in Buried Hill of Bohai A oilfield YAO Yong-qiang, CNOOC.Tianjin.Branch
12:00-14:00	Buffet Lunch and Break

Session 3 Location : Conference Room 3-9, 3rd Floor

Petroliferous Basins Evaluation and Oil & Gas Accumulation Session

Co-organized by: Sichuan Basin Research Center, PetroChina Exploration and Development Research Institute

Date: 16 November, 2022 (PM) - 17 November, 2022 (PM Before the tea break)

Geothermal Resources Exploration and Development Session

Co-organized by: Shaanxi Hydrogeology Engineering Geology and Environmental Geology Survey Center

Date: 17 November, 2022 (PM After the tea break)

Coalbed Methane Exploration and Development Session

Co-organized by: China Coal Science and Technology Group (CCTEG China Coal Technology Engineering Group) Xi'an Research Institute Co., Ltd

Date: 18 November, 2022 (AM)

16 November, 2022 (PM)

Petroliferous Basins Evaluation and Oil & Gas Accumulation Session

Host:

FU Jin-hua, Petrochina ChangQing Oilfield Company, Vice President, Professorial Senior Engineer

ZHAO Zhe, Oil & Gas Geology Institute, Sinopec Petroleum Exploration and Production Research Institute, Professor

Geological Formations

14:00-14:15

IFEDC

Understanding the Tectonic Style of the Midwest Alluvial Zone based on Extrusion-slip Deformation Mechanism

CHEN Zhu-xin, PetroChina Research Institute of Petroleum Exploration and Development

14:15-14:30	IFEDC202211629 Superimposed Deformation Mechanism of Deep and Shallow Structures in Hutubi Area, Southern Junggar Basin, China ZHANG Xi-chen, PetroChina Research Institute of Petroleum Exploration and Development
14:30-14:45	IFEDC202211972 The Fault System of Fula Sag, Muglad Basin and its Hydrocarbon Control WANG Yan-qi, PetroChina Research Institute of Petroleum Exploration and Development
14:45-15:00	IFEDC202212949 Characteristics of Strike-Slip Fault Systems in the Eastern Margin of the Pre-Caspian Basin and Their Reservoir-controlling Effects YANG Zhi-peng, Research Institute of Exploration and Development
15:00-15:15	IFEDC202211164 Discovery of Low Sequence Stage Episodic About Fluid Pressure Field Building Process and its Petroleum Geological Significance in Bonan Sag, Jiyang Depression LIU Peng, Research Institute of Petroleum Exploration and Development, Shengli Oilfield Company, SINOPEC
15:15-15:30	IFEDC202212916 Oil and Gas Geological Characteristics and Exploration Potential of Yenisei-Hartanger Basin WANG Su-hua, PetroChina Research Institute of Petroleum Exploration &
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Oil & Gas Evaluation	
16:00-16:15	IFEDC Prospects for Deep Oil and Gas Enrichment Patterns and Exploration Fields in the Three Major Craton Basins in China ZHANG Jian-yong, Petrochina Research Institute of Petroleum Exploration & Development Research Center of Sichuan Basin

16:15-16:30	IFEDC202211256 Geological Characteristics and Exploration Potential of Natural Gas Accumulation in Aluminous Rock Series in the Southwest of Ordos Basin JING Xiang-hui, Research Institute of Exploration and Development
16:30-16:45	IFEDC202211287 Geological Characteristics and Hydrocarbon Generation Model of Carboniferous Permian Coal Measure Source Rocks in the Central Bohai Bay Basin WANG Xin, Postdoctoral research workstation of Shengli Petroleum Administration Bureau
16:45-17:00	IFEDC202211685 Oil and Gas Evaluation Methods and Applications in Low-Exploration-Level Basins LI Hui, CNOOC EnerTech-Drilling&Production Co.
17:00-17:15	IFEDC Shale Oil Sweet Spots Evaluation Methodology HOU Lian-hua, PetroChina Research Institute of Petroleum Exploration and Development
17:15-17:30	IFEDC202211966 Analysis on Accumulation Factors of Thick Sandstone in Adjacent Subsags CHEN Hong, Geophysical Research Center
17:30-17:40	IFEDC Analysis of Oil and Gas Formation Conditions and Exploration Potential in the Deng II section of the Penglai area in the Sichuan Basin XIE Wu-ren, Petrochina Research Institute of Petroleum Exploration & Development Research Center of Sichuan Basin
17:40-17:50	IFEDC202212212 The Hydrocarbon Accumulation Conditions of in Pyroclastic-sedimentary Rocks and its Significance for Petroleum Exploration in Nanpu Sag ZHAO Shu-e, Research Institute of Exploration and Development
17:50-18:00	IFEDC202211323 Hydrocarbon Generation and Expulsion Potential Analysis of Ek2 Source Rocks in the Southern Slope of Dongying Sag WANG Yu-wei, Working Station for Postdoctoral Scientific Research

18:00-20:00	Excellent Paper Award Ceremony
17 November, 2022 (AM)	
Host: HOU Lian-hua, PetroChina Research Institute of Petroleum Exploration and Development, Director /Professor LIU Xin-she, Exploration and Development Research Institute of PetroChina Changqing Oilfield Company, Professor	
Reservoir Formation	
08:00-08:20	IFEDC Relationships between Deep-ultra-deep Overpressure Genesis and Ultra-large Gas Fields in Typical Oil and Gas-bearing Basins in China LI Wei, Petrochina Research Institute of Petroleum Exploration & Development Research Center of Sichuan Basin
08:20-08:40	IFEDC202211295 Main Controlling Factors and Model of Hydrocarbon Accumulation in Beach-bar Facies in the Upper part of the Fourth Member of Shahejie Formation in the Southern Slope of Dongying Sag SUN Bo, Exploration and Development Research Institute of Shengli Oilfield Branch of Sinopec
08:40-09:00	IFEDC202213201 Characteristics and Significance of Hydrocarbon Accumulation and Evolution in the Central Sichuan Area of the Sichuan Basin FAN Jun-Jia, Research institute of Petroleum Exploration and Development
09:00-09:20	IFEDC Main Control Factors of Reservoir Formation of Bauxite Gas Reservoir in Taiyuan Formation in Longdong Area of Ordos Basin YANG Wei-wei, National Engineering Laboratory for Exploration and Development of Low Permeability Oil and Gas Fields

09:20-09:40	IFEDC202211681 Analysis of Reservoir Controlling Factors for Jurassic Tight Sandstone Reservoirs in the Qudong Sub-sag JIA Xue-li, Exploration and Development Research Institute of PetroChina Tuha Oilfield Company
09:40-10:00	IFEDC202212336 Carboniferous Carbonate Accumulation Pattern in the Eastern Margin of the Pre-Caspian Basin WANG Xue-ke, Research Institution of Petroleum Exploration and Development
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Reservoir Formation	
10:30-10:45	IFEDC202212917 Analysis of Enrichment and High Yield Mechanism of Carboniferous Reservoirs in Beisantai Uplift and its Exploration and Evaluation Potential XIANG Hui, Zhudong Oil Production Plant of Xinjiang Oilfield Company, CNPC
10:45-11:00	IFEDC202212242 Gas Charging Simulation and Accumulation Mechanism of Tight Sandstone in Xihu Sag ZHU Xin-jian, PetroChina Hangzhou Research Institute of Geology
11:00-11:15	IFEDC202211676 Reservoir Forming Cognition and Potential analysis of Jingjingzigou Formation of Permian in East Segment of Fukang Fault Zone XU Xiong-fei, Tuha Oilfield Company of PetroChina
11:15-11:30	IFEDC202211022 Discovery and Exploration Awareness of Deep Paleogene Self-sourced Oil Reservoirs in Jiyang Depression YANG Huai-yu, Exploration and Development Research Institute
11:30-11:40	IFEDC Formation Model and Exploration Practice of Conventional-unconventional Full Hydrocarbon System in Mahu Depression, Junggar Basin HE Wen-jun, PetroChina Xinjiang Oil field Company

11:40-11:50	IFEDC202212769 Study on Hydrocarbon Migration and Accumulation of Dongying Formation Sublacustrine Fan in LD A area, Liaozhong depression and exploration practices ZHANG Hong-guo, Tianjin Branch, CNOOC
11:50-12:00	IFEDC202211708 Identification Method of Oil and Gas Migration Path in Complex Oil Reservoir at Basin Margin CHEN Tao, Research Institute of Exploration and Development
12:00-14:00	Lunch buffet and break
17 November, 2022 (PM)	
Host: ZHANG Hui-liang, Hangzhou Institute of Geology of CNPC, Professor WANG Xiao-mei, PetroChina Research Institute of Petroleum Exploration and Development, Professor	
Sedimentary Evolution	
14:00-14:15	IFEDC Geological Connotation of Reservoir Formation Theory and Exploration Effectiveness in Large Oil Area of Depressional Lake Basin Lithologic Formation YUAN Xuan-jun, PetroChina Research Institute of Petroleum Exploration and Development
14:15-14:30	IFEDC202210918 Characteristics and Indication of Biomarker for the Upper Permian Dalong Formation Shale in Southern Anhui Province DING Jiang-hui, CNPC Engineering Technology R & D Company Limited
14:30-14:45	IFEDC Earth system Controls Organic-rich Shale Deposition WANG Xiao-mei, PetroChina Research Institute of Petroleum Exploration and Development

14:45-15:00	IFEDC Silica characteristics of different genesis of terrestrial lake basin shales and their hydrocarbon significance BAI Bin, Department of Geology under Research Institute of Petroleum Exploration and Derelopment, PetroChina
15:00-15:10	IFEDC202212521 Sedimentary Evolution of Lower Cretaceous Gravity Flow Deposits in the Scotia Basin WU Gao-kui, Petroleum Exploration and Production Research Institute
15:10-15:20	IFEDC202213212 Analysis of Mesozoic-Cenozoic prototype basin and reservoir forming significance in Linhe Depression, Hetao Basin, China XU Ze-yang, China University of Petroleum (Beijing)
15:20-15:30	IFEDC202213200 Quantitative Analysis of Jurassic Sedimentary Heterogeneities in the southern margin of the Junggar Basin HUANG Xiu, Research Institute of Petroleum Exploration and Development
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Geothermal Resources Exploration and Development Session	
16:00-16:20	IFEDC202212930 Technology of Exploiting Geothermal Energy with Ultra-short Radius Double Horizontal U-shaped Well LI Fu-guo, Daqing Chenping Drilling Technology Service Co. LTD
16:20-16:40	IFEDC202212335 Research on Reservoir Reconstruction Technology of Geothermal Energy Development in Low Porosity and Low Permeability Area of Jilin Oilfield tle JIA Peng-fei, CNPC JilinOilfield Company Oil and Gas Engineering Research Institute
16:40-17:00	IFEDC202212127 Main Control Factors, Optimization Research and Engineering Application Effect Evaluation of Sandstone Reservoir Reinjection in Tianjin Area ZHAO Yan-ting, Tianjin Geothermal Exploration Development and Design Institute

17:00-17:15	<p>IFEDC202212891 Geomechanical and Simulation Reservoir Modeling of Hydraulic Fracturing for Enhanced Geothermal System Jerjes W Porlles, University on North Dakota, Graduate Research Assistant</p>
17:15-17:30	<p>IFEDC202210884 Research on High Efficient Cooling Technology of Drilling based on Insulated Drill Pipe ZUO Wei-dong, Beijing Kembl Petroleum Technological Development Co.Ltd</p>
17:30-17:45	<p>IFEDC202213248 Injectivity Decline by Nanoparticles Transport in High Permeable Rock Ali Murtaza, Tilburg University, PhD Candidate</p>
17:45-18:00	<p>IFEDC202211917 Seismic Response and Risk Assessment of Fluid Injection in Faulted Geothermal Reservoirs: A Case Example from Iceland CAI Wu, China University of Mining and Technology</p>
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
Coalbed Methane Exploration and Development Session	
<p>Host: JIANG Zai-bing, Xi'an Research Institute of China Coal Technology & Engineering Group., Topic Leader QU Hong-yan, China University of Petroleum (Beijing), Reviewers</p>	
08:00-08:15	<p>IFEDC Theory and Key Technology of Fracturing and Extracting Coalbed Methane from Horizontal Wells on top of Fractured Soft Coal Seams FAN Yao, Xi'an Research Institute of China Coal Technology & Engineering Group.</p>
08:15-08:30	<p>IFEDC202212839 Study on Spray Cooling of Shaft in Ultra-high Temperature Production of Underground Coal Gasification WANG Jian-jun, CNPC Tubular Goods Research Institute</p>

08:30-08:45	IFEDC202212848 Machine Learning Based CBM Well Multimodal Productivity Prediction and Drainage Optimization FANG Ye-xin, CNPC Engineering Technology R&
08:45-09:00	IFEDC202213003 Research and Application of Low Damage Fracturing Fluid with Fracture Cleaning Type XIONG Jun-jie, CNOOC EnerTech-Drilling & Production Co.
09:00-09:15	IFEDC202213150 Simulation of Oil-water Two-phase Steam Separation During Coal in Situ Pyrolysis Process by the Cyclone ZHAO Shuai, School of mines, China University of Mining and Technology
09:15-09:30	IFEDC202213215 Storing Carbon Dioxide in Deep Unmineable Coal Seams for Centuries Following Underground Coal Gasification Liangliang Jiang, University of Calgary, Postdoc fellow
09:30-09:45	IFEDC202211639 Experimental Study on Migration and Placement Morphology of Proppant Combinations with Different Particle Sizes in Active Hydraulic Fracturing ZHANG Yang, Engineering Technology Research Institute, North China Oilfield Company, PetroChina
09:45-10:00	IFEDC202211530 Research and Application of Reasonable Transport Difference and Rapid Location Technology of Transport Difference in CBM Branch WANG Ji-chuan, PetroChina Co Ltd Shanxi coalbed methane exploration and development branch company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC202213250 Evaluation on the Effect of Nitrogen Assisted Drainage and Energy Enhancement in Thin Coal Seam Group: A Case Study for Panjiang Mining Area LOU Yi, Guizhou Panjiang CBM Development and Utilization Co., Ltd.

10:45-11:00	IFEDC202211604 CBM Accumulation Models and Enrichment Regularity in the Xishanyao Formation of Santanghu Basin (NW China) LI Xin-ning, Research Institute of Exploration and Development, Petro China Tuha Oilfield Company
11:00-11:15	IFEDC202211709 Research on Three-dimensional Development Technology of Horizontal Wells for huge thick lignite in Jiergalangtu depression of Erlian basin XIAO Yu-hang, Exploration and Development Research Institute
11:15-11:30	IFEDC202211171 Sensitivity and Uncertainty Analysis in a CBM Reservoir, Bowen Basin YANG Yong, Research Institute of Petroleum Exploration and Development, Petrochina
11:30-11:45	IFEDC202213069 Recent Advances in Treatment Strategies for Low-permeability Coalbed Methane Hydraulic Fracturing Raymond L Johnson Jr., University of Queensland, Professor
11:45-12:00	IFEDC202210859 Composite Evaluation of Coalbed Gas Field based on Structural Stress Characteristics-take B Coalbed Gas Field in Bowen Basin As An Example LI Ming, Research Institute of Petroleum Exploration&
12:00-14:00	Buffet Lunch and Break

Session 4 Location : 3-2 Tongchuan Hall, 3rd floor

Fine Reservoir Description Session

Co-organized by: School of Earth Science and Technology, China University of Petroleum (East China)、 Shandong Key Laboratory of Reservoir Geology

Date: 16 November, 2022 (PM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Fine Reservoir Description Session	
Host: WU Xi, PetroChina Dagang Oilfield Company, Vice President ZHANG Xian-guo, China University of Petroleum (East China), Director of Low Permeability Research Unit, CNPC Key Laboratory of Oil and Gas Reservoirs, Professor, Doctoral Supervisor, Conference Reviewers, This topic leader	
Fine Description	
14:00-14:15	IFEDC202212799 High Precision Reservoir Description Technology in Complex Fault Block Oilfield CAI Ming-jun, PetroChina Dagang Oilfield Company
14:15-14:30	IFEDC Fine Reservoir Description Techniques and Applications for Deep Clastic Reservoirs in the Tarim Basin WANG Chao, Research Institute of Exploration and Development, PetroChina Tarim Oilfield Company
14:30-14:45	IFEDC202212465 Characterization and Prevention Strategy of Steam Channeling Channel in Strong Heterogeneous and High Viscous Heavy Oil Reservoirs ZHENG Ai-ping, Heavy Oil Development Company
14:45-15:00	IFEDC Fracture-controlled Seam-hole Carbonate Reservoirs: A Case Study of Fuman Oil Field LI Shi-yin, Research Institute of Exploration and Development, PetroChina Tarim Oilfield Company

15:00-15:10	IFEDC202211051 Geochemical Characteristics and Oil-source Correlation of Lower Cretaceous Source Rocks in Lujing Sag, Yinye Basin GENG Yan-fei, Exploration and Development Research Institute of Sinopec North China Oil & amp
15:10-15:20	IFEDC202212795 Precise Depicting Meandering Channel Sandbodies and its Application based on Seismic Sedimentology MA Liang-tao, CNOOC Research Institute Ltd
15:20-15:30	IFEDC202210974 Large-scale Tidal Channel Characterization of the Bioclastic Limestone Reservoir in A oilfield, Iran LIU Yu-mei, Research Institute of Petroleum Exploration & amp
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Reservoir Prediction	
16:00-16:20	IFEDC202212739 Comprehensive Prediction of Fractured Carbonate Reservoirs based on Well-Seismic Combination ZHANG Dan-feng, China National Logging Corporation
16:20-16:40	IFEDC202212592 Application of Production Decline Method under SPE-PRMS Criterion in Helium Resource Evaluation of Overseas X Gas Field LIU Yong, Research Institute of Exploration & amp
16:40-17:00	IFEDC202213116 Seismic Prediction of Interlayer in Offshore Thick Extra-heavy Oil Reservoir —— Taking D oilfield as an example ZHOU Jian-nan, CNOOC Research Institute Co., Ltd
17:00-17:15	IFEDC202212413 Genetic Mechanism of High Porosity Zone of Jurassic Sangonghe Formation in Qianshao Area, Junggar Basin MA Cong, Key Laboratory of Conglomerate Reservoir Exploration and Development
17:15-17:30	IFEDC202211128 Development and Application of 3D Attribute Fusion Technology based on Lithology Probability Analysis ZHANG Shan-yi, OilRecovery Plant No.5

17:30-17:45	<p>IFEDC202211344 Research and Application of Construction method of Inversion Low Frequency Model in Complex Areas ZHENG Hua-can, Research Institute of BGP Inc., CNPC</p>
17:45-18:00	<p>IFEDC202212888 High-precision Prediction Technology of Channel Sand Body Thickness based on Net-to-gross Ratio Inversion Model SHU Xiao, Tianjin Branch of CNOOC Ltd</p>
18:30-20:00	Excellent Paper Award Ceremony
17 November, 2022 (AM)	
<p>Host: CAI Ming-jun, PetroChina Dagang Oilfield Company, Professorial Senior Engineer WU Gang, Exploration and Development Research Institute of Shengli Oilfield Branch of Sinopec, Researcher</p>	
Reservoir Study	
08:00-08:20	<p>IFEDC Anatomy of Sand Body Configuration and its Application in Different Development Stages of Eastern South China Sea offshore oil fields WANG Hua, Research Institute of CNOOC (China) Ltd., Shenzhen</p>
08:20-08:40	<p>IFEDC202211734 Development Practice of Large Stratigraphic Reservoir of Peregrino Field in Brazil GUO Li, Sinochem Petroleum Exploration & Production Co., Ltd.</p>
08:40-09:00	<p>IFEDC202211250 Technology Deficiency and Renewal of Azimuthal Anisotropic Fracture detection in OVT domain AN Fu-li, GRI, BGP Inc., CNPC</p>
09:00-09:15	<p>IFEDC202212112 Analysis on Controlling Factors of Effective Reservoir in Intraplatform of Sinian Dengying 4th Member in Central Sichuan GUO Zhen-hua, Research Institute of Petroleum Exploration &</p>
09:15-09:30	<p>IFEDC202211922 Study on Reservoir Characteristics of Member 8 of Shihezi Formation of Permian in Yulin gas field HU Wei-wei, Exploration and Development Research Institute of PetroChina Changqing Oilfield Company</p>

09:30-09:45	<p>IFEDC202213114 Preliminary Study on Distribution Characteristic of Fracture-Cavity in Fault-Karst Carbonate Reservoirs: A Case of No. 4 Belt in Shunbei LI Zong-yu, China Petroleum & Chemical Corporation Key Laboratory of Enhanced Oil Recovery in Carbonate Fracture-vuggy Reservoirs</p>
09:45-10:00	<p>IFEDC202211053 Reservoirs Characteristics and Water Flood of Bioclastic Limestone of Cretaceous in Middle East LI Feng-feng, Research Institute of Petroleum Exploration and Development</p>
10:00-10:30	<p>Tea/Coffee Break and E-poster Seminars for Sharing</p>
<p>Reservoir Study</p>	
10:30-10:45	<p>IFEDC Characterization Methods and Applications of Dense Carbonate Reservoir Deserts in the Middle East WANG You-jing, PetroChina Research Institute of Petroleum Exploration and Development</p>
10:45-11:00	<p>IFEDC202210990 Influence of Reservoir Heterogeneity of Thick Bioclastic Limestone Reservoir on Water Injection Development and its Strategies: A case study of Lower Member of M Formation in A oilfield, Iraq YU Yi-chang, China National Oil and Gas Exploration and Development Company Ltd</p>
11:00-11:15	<p>IFEDC202211077 Sedimentary characteristics and model of gravity flow deposition in Duoshang Formation of Arysium graben, South Turgay Basin YU Hao-ye, PetroChina Xinjiang Oilfield Company</p>
11:15-11:30	<p>IFEDC202213203 Characterization Technique about Resistance flow band of Tight Gas Reservoir based on Outcrop Guidance-a case study from the Braided Fluvial Reservoir in the Shan-1 member of Daniudi gasfield LI Xiao-hui, Research Institute of Exploration and Development, North China Oil and Gas Branch, SINOPEC</p>
11:30-11:45	<p>IFEDC202213142 Study on Pore Structure and Fractal Characteristics of Ultra-low Permeability Reservoir in Jiyuan Area LIU Xiong-wei, Oil Production Plant 9th of Petrochina Changqing Oilfield Company</p>

11:45-12:00	<p>IFEDC202211270 Identification of High Permeability Streaks in Giant Limestone Reservoirs: A Case Study of Mishrif Formation in Hafaya Oilfield, Iraq CAO Peng, PetroChina Hangzhou Research Institute of Geology</p>
12:00-14:00	Lunch buffet and break
17 November, 2022 (PM)	
<p>Host: ZHANG Ming-yu, Green Development Institute of Western China, China Geological Survey, Vice President, Professor, Conference Reviewers DUAN Dong-ping, Shanghai Company Ltd, CNOOC, Ph.D, Senior Engineer</p>	
Integrated Construction	
14:00-14:20	<p>IFEDC202211008 Complex Fault Block Reservoir Description Helps Geology-engineering Integration WU Gang, Exploration and Development Research Institute, Shengli Oilfield Company, SINOPEC</p>
14:20-14:40	<p>IFEDC202210933 Application of Geologic Process-guided Integrated Modeling Technique for Tight Gas Reservoir: A Case of M Gas Field, Pakistan YANG Chen, BGP Inc., CNPC</p>
14:40-15:00	<p>IFEDC202211886 Research on Integrated Potential Tapping Technology of Geology-engineering Integration in Complex Fault Block Reservoir QU Li-li, Petrochina JiDong Oilfield Company</p>
15:00-15:15	<p>IFEDC202212975 Research on Well-seismic-dynamics Integrated Reservoir Connectivity Characterization Technology based on Offshore Oilfield DAN Ling-ling, CNOOC Energy Technology-Drilling&amp</p>
15:15-15:30	<p>IFEDC202212390 Application Practice of Geology-engineering Integration for Complex Oil Reservoir in Kenkiyak pre-salt oil field JI Wei-min, Research Institute of Exploration and Development, Xinjiang Oilfield Company</p>
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Technical Methods	

16:00-16:15	<p>IFEDC</p> <p>Application of Large Scale Integral Mapping Technology in Complex Fractured Block Reservoirs</p> <p>WANG Guo-dong, Liaohe Oilfield Exploration and Development Research Institute</p>
16:15-16:30	<p>IFEDC</p> <p>Key Technologies for the Development of Medium and High Permeability Reservoirs in Old Oil Fields</p> <p>CAO Xiao-peng, Reserch Institute of Petroleum Exploration and Derelopment, Shengli Oilfield, SINOPEC</p>
16:30-16:45	<p>IFEDC202211612</p> <p>Quantitative Description Method and Application of Turbidite Reservoir in Dongying Sag</p> <p>WANG Qi-yun, Geophysical Research Institute</p>
16:45-17:00	<p>IFEDC202213046</p> <p>A New Porosity Interpretation Model of Apparent-Density-Acoustic Time within Larger Porosity Ranges for Bioclastic Limestone Reservoirs with High Porosity and Low Permeability, Middle East</p> <p>TIAN Zhong-yuan, Research Inst Petr Expl & Dev, Petrochina, China</p>
17:00-17:15	<p>IFEDC202212872</p> <p>New Work flow of Montney Reservoir Lineation - high Resolution Multi-Attributes Inversion based on Minimum Support algorithm (MSA)</p> <p>LIU Li, Research institute of petroleum exploration and development</p>
17:15-17:30	<p>IFEDC202211987</p> <p>The Application of Multi-attribute Fusion for Fracture Prediction in Carbonate Reservoir</p> <p>WANG Wen, Geophysical Research Institute, BGP, CNPC</p>
17:20-17:40	<p>IFEDC202212155</p> <p>Time-lapse Seismic Matching Inversion Technology and Application based on Temperature-sensitive Rock Physics Experiment</p> <p>HE Rong-sheng, CNOOC Research Institute Co.</p>
17:40-18:00	<p>IFEDC202212844</p> <p>Application of Waveform Clustering Method in Carbonate Reservoir Prediction of Kekeya Kalatar Formation</p> <p>HUANG Cheng, Research Institute of Exploration and Development, Tarim Oilfield Company, PetroChina</p>
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	

Host: TANG Jian-hou, Research Institute of Geological Exploration and Development, Chuangqing Drilling Engineering Company Limited, CNPC, Professorial Senior Engineer, Conference Reviewers REN Li-hua, China University of Petroleum (East China), Associate Professor	
Comprehensive Research	
08:00-08:20	IFEDC Technological Progress in the Development of a Strongly Inhomogeneous Gas Reservoir in the East China Sea HE Xian-ke, Shanghai Company Lid, CNOOC
08:20-08:40	IFEDC202211617 Application of Development Seismic Key Technologies in Deepwater Turbidite Sandstone Oilfields—A Case Study of The Block OML130 in West Africa GAO Yun-feng, CNOOC Research Institute Co., Ltd
08:40-09:00	IFEDC202210892 New Research Progress on the Theory of Intelligent Characterization of Oil and Gas Reservoirs and Key Technologies for System Construction WANG Ru-yi, CNPC Engineering Technology R & amp
09:00-09:20	IFEDC202212080 Study on Micro Remaining Oil Occurrence Law based on Fluorescent Thin Section and Water Flooding Physical Simulation CUI Jian, Exploration and Develoepment Research Institute,petrochina Jidong Oilfield Company
09:20-09:40	IFEDC202210880 Fault Attribute Dip Correction Method in High and Steep Formation based on Gradient Structure Tensor Analysis ZHOU Hai-ting, Exploration and Development Institute of Sinopec Shengli Oilfield
09:40-10:00	IFEDC202212109 Fine Geologic Modeling and Application of Multi-source and Highly Heterogeneous Reservoirs DUAN Jian, Nanpu Oilfield Operation District, Petrochina Jidong Oilfield Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC202213128 Optimization of Petroleum Reservoir Study Model for Efficient Oil and Gas Field Development Mukhtar Habib, Kaduna Poytechnic, Principal Lecturer

10:45-11:00	IFEDC202211957 Characterization of Classification of Porosity and Permeability based on Rock Typing of Thin Porous Limestone Reservoirs in Middle East WANG Nai, Research Institute of Exploration and Development, PetroChina
11:00-11:15	IFEDC202213006 When Oilfield Development Enters the Later Stage of Ultra-high Water Cut Development, the Method of Studying the Remaining Oil Potential of Reservoir by using Core Data PEI Xiu-ling, Geological institute of the Sixth Oil Production Plant of Daqing Oilfield
11:15-11:30	IFEDC202212478 Rock Typing based on Capillary Pressure Parameters using Supervised Learning Cesar Aguilar, PDVSA, Petrophysicist
11:30-11:45	IFEDC202210827 Longdong Shale Oil Fracturing Reformed Reservoir Characteristics Evaluation LI Lu, Changqing Downhole Technical Operation Company, PetroChina Chuanqing Drilling Engineering Company Limited
11:45-12:00	IFEDC202212022 Unstructured Grid Modeling Technology and Application of Ultra-deep and Complex Constructed Gas Reservoir WANG Bei, Research Institute of Petroleum Exploration and Development, PetroChina Southwest Oil & Gas Field Company
12:00-14:00	Buffet Lunch and Break

Session 5 Location : Conference Room 3-8, 3rd Floor

Complex Reservoir Percolation Theory and Numerical Simulation Session

Co-organized by: Reservoir Engineering Institute, School of Petroleum Engineering, China University of Petroleum (East China)、 State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation

Date: 16 November, 2022 (PM) - 17 November, 2022 (AM Before tea break)

Oil and Gas Field Chemical Technology Session

Co-organized by: Key Laboratory of Oilfield Chemicals, CNPC

Date: 17 November, 2022 (AM After tea break) - 18 November, 2022 (AM)

16 November, 2022 (PM)

Complex Reservoir Percolation Theory and Numerical Simulation Session

Host:

ZHAO Hai-yang, SINOPEC Northwest Company of China Petroleum and Chemical Corporation, Professorial Senior Engineer, Conference Reviewers

LEI Gang, China University of Geosciences(Wu Han), Professor

Numerical Simulation

14:00-14:15	IFEDC202212473 Numerical Simulation of Upgrading and Expansion of SAGD Reservoir with Strong Heterogeneous Super Heavy Oil SUN Xin-ge, Research Institute of Exploration and Development, Xinjiang Oilfield
14:15-14:30	IFEDC202213164 Finite Element Method-based Simulation for Two-phase Flow in Porous Media Using FEniCS Anireju Emmanuel Dudun, University of Louisiana at Lafayette, PhD Candidate
14:30-14:45	IFEDC202212047 Effects of Alcohol Chain Length on Methane Hydrate Dissociation, insights from Molecular Dynamics Simulations SUN Xiao-liang, CNPC Engineering Technology R&
14:45-15:00	IFEDC202212492 Modeling Water Saturation for a Heterogeneous Unconsolidated Sandstone of Tambaredjo Oilfield In Suriname Elias R. Acosta, Staatsolie Maatschappij Suriname N.V., Sr. Petrophysics

	Specialist
15:00-15:10	IFEDC202212689 Application of Embedded Discrete Fractures in Offshore Low Permeability Oil Field Fracturing Simulation LUO Qi-yuan, CNOOC China Limited, Shenzhen Branch
15:10-15:20	IFEDC202211226 High-precision Analogue Simulation of 3D Printed Experimental Models for Carbonate Fracture-cavity Reservoirs HUI Jian, Exploration and Development Research Institute of Sinopec Northwest Oilfield Company
15:20-15:30	IFEDC202213230 Particle Migration and Retention Mechanisms at the Sub-pore Scale: a numerical Study Saeid Sadeghnejad, Tarbiat Modares University, Associate Professor
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Oil and Gas Seepage and Injection Study	
16:00-16:20	IFEDC202212710 Unsteady Seepage Model based on Random Generation of Discrete Fracture Network and its Application OUYANG Wei-ping, Changqing Downhole Technology Company
16:20-16:40	IFEDC202212049 Study on Fluid Flow in Micro-fractures Contained within Matrix ZHENG Wen-kuan, Exploration and Development Research Institute, Shengli Oilfield Company, SINOPEC
16:40-17:00	IFEDC202211143 Logging Evaluation for Permeability of Tight Reservoirs based on Flow Unit Classification YU Wen-wen, BGP
17:00-17:15	IFEDC202212898 Analysis of Sand Erosion In Gathering Lines Using Computational Fluid Dynamics Elhassan Mostafa. A. Mohammed, UCSI University, Lecturer
17:15-17:30	IFEDC202210824 Capillary Pressure and its Effect on the Recovery of Large Tight Sandstone Gas Reservoir with Strong Heterogeneity LV Zhi-kai, Research Institute of Petroleum Exploration &

17:30-17:45	<p>IFEDC202210897 Optimization of Gas Injection Development Parameters for Carbonate Fractured-vuggy Reservoirs based on the DARCY STOKES Coupling Model CHANG Xin-ge, Xi 'an Shiyou University</p>
17:45-18:00	<p>IFEDC202211745 Research and Application of Impure CO₂ Gravity Drive Development Technology in Extremely Thick and Extra-low Permeability Reservoir JIAO Yu-jia, Exploration and Development Research Department of CNOOC Research Institute</p>
18:30-20:00	<p>Excellent Paper Award Ceremony</p>
<p>17 November, 2022 (AM)</p>	
<p>Host: LI Ao-xian, Sinochem Petroleum Exploration & Production Co., Ltd., Senior Engineer, Conference Reviewers LIU Bin, Research Institute of Yanchang Petroleum (Group) Co. Ltd., Professorial Senior Engineer, Conference Reviewers</p>	
<p>Micromechanism</p>	
08:00-08:15	<p>IFEDC202212004 Analysis on Micro Oil-water Migration Characteristics of Water Injection Huff and Puff in Ultra-low Permeability Reservoir CUI Peng-xing, Research Institute of Shaanxi Yanchang Petroleum (Group) Co., Ltd</p>
08:15-08:30	<p>IFEDC202212636 A Visual Study on Water Invasion Characteristics of Deep Carbonate Gas Reservoir CHEN Jian-xun, Exploration and Development Research Institute of Shengli Oilfield Company, Sinopec</p>
08:30-08:45	<p>IFEDC202211797 Seepage Mechanism of Waterflooding and Injection Mode Optimization for Fractured Buried Hill Reservoir XIAO Kang, Research Institute of Petroleum Exploration and Development</p>
08:45-09:00	<p>IFEDC202212056 A Study on Reasonable Length of Horizontal Well CHEN Dong, Geophysical Research Institute of PetroChina Tarim Oilfield Company</p>

09:00-09:15	IFEDC202212226 Development Well Pattern for Deepwater Turbidity Sandstone Reservoirs in West Africa YUAN Zhi-wang, CNOOC Research Institute Co., Ltd.
09:15-09:30	IFEDC202213182 The Design of 3D oil Reservoir Model and Optimization of Oil Field development Marina G. Persova, Novosibirsk State Technical University, Head of the research laboratory
09:30-09:45	IFEDC202212233 Simulation of Rational Waterflooding Mode for Sand Lens Reservoirs ZHOU Xian, Petroleum Exploration & Development Research Institute, PetroChina Huabei Oilfield Company
09:45-10:00	IFEDC202211406 A Study of Velocity Modeling in Dual Complexity Media LIU Jin-ye, Exploration and Development Research Institute of Daqing Oilfield Company Ltd. CNPC
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Oil and Gas Field Chemical Technology Session	
17 November, 2022 (AM After tea break) -18 November, 2022 (AM)	
Working Fluids & New Materials	
10:30-10:45	IFEDC202211307 Research and Application of Sand Control Completion Fluid in Loose Sandstone Reservoir of Bohai Bay D Oilfield LIU Hong-yan, Petroleum Engineering Research Institute of Dagang Oilfield
10:45-11:00	IFEDC202211773 Research and Performance Evaluation of Polyol based Drilling Fluid ZHANG Yi-xin, Drilling and Production Technology Research Institute of Jidong Oilfield Company
11:00-11:15	IFEDC202211976 Emulsion Polymer with Ultra-high Molecular Weight, temperature resistance and Salt Resistance used in Offshore Oilfield Development YANG Kai-ji, CNOOC (Tianjin) Oilfield Chemical Co.

11:15-11:30	<p>IFEDC202212509 Development of Viscoelastic Surfactant-based Self-diverting Acid System to stimulate oil production in carbonate reservoirs Ali Mohammed Abdullah Mohsen, Samara State technical university, PhD Candidate</p>
11:30-11:45	<p>IFEDC202212613 Preparation and Properties of Low Molecular Weight In Situ Emulsified Active Association Polymer JIN Cheng, State Key Laboratory of Oil and Gas Reservoir Geology and Development Engineering, Southwest Petroleum University</p>
11:45-12:00	<p>IFEDC202212701 Study on the Application of Boron Selective Resin in the Treatment of Fracturing Flowback Fluid ZHANG Shu-xia, Research Institute of Shaanxi Yanchang Petroleum (Group) Co. Ltd.</p>
12:00-14:00	Lunch buffet and break
17 November, 2022 (PM)	
<p>Host: WANG Cheng-wen, China University of Petroleum (East China), Professor / PhD Supervisor, Conference Reviewers SHE Yue-hui, Yangtze University, Professor, Conference Reviewers</p>	
Nanotechnology & Shutting Off Water and Controlling Profile	
14:00-14:15	<p>IFEDC202212523 Micro-nano Filtration Reducer and Environmental-friendly High-performance Water-based Drilling Fluid Technology LIU Jun-yi, Drilling Technology Research Institute of SINOPEC Shengli Oilfield Service Corporation</p>
14:15-14:30	<p>IFEDC202210874 Micro Simulation Study and Field Test of Biological Nano Injection in Offshore Medium and Low Permeability Reservoir FENG Qing, Oilfield Production Optimization Institution of China Offshore Oilfield Services Limited</p>

14:30-14:45	IFEDC202212988 Synthesis of Rhamnolipid Modified Nano Ferric Oxide and its Application in Enhanced Oil Recovery LIU Yu-long, Yangtze university
14:45-15:00	IFEDC202212708 Research on Adaptability and Plugging Ability of Profile Control Agent with in High-temperature and High-salinity Reservoir HE Meng-qi, PetroChina Liaohe OilField Co.
15:00-15:15	IFEDC202212376 Experimental Study on Core Plugging Mechanism of Profile Control and Displacement Agent based on Nuclear Magnetic Visualization Technology ZHAO Yong, Experimental testing and Research Institute of PetroChina Xinjiang Oilfield Company
15:15-15:30	IFEDC202211249 Research and Application of Asphalt Blocking and Unblocking Technology in Wellbore YANG Zu-guo, Research Institute of Engineering Technology, Northwest Oilfield Branch of SINOPEC
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Working Fluids & New Materials	
16:00-16:20	IFEDC202211705 Research and Application of Micromolecular Anti-swelling, Depressurization And Injection Increasing System in The Same-well-injection-production Well WANG Jing-wen, Daqing Oilfield Production Technology Institute
16:20-16:40	IFEDC202211525 Study on Structure-activity Relationship and New Performance Evaluation Method for Friction Reducers GENG Xiang-fei, Key Laboratory of Oilfield Chemicals, CNPC
16:40-17:00	IFEDC202211881 Cu-HAP/SiO ₂ Composite as Fentanyl Like Oxidation Catalyst for Degradation of 2,4-DCP SHANG Shan-shan, Environmental Technology Service Company of Sinopec Jiangnan Oilfield Service Co, Ltd

17:00-17:15	<p>IFEDC202211582</p> <p>Safety and Environmental Risk Management for Oilfield Chemicals</p> <p>HE Li-peng, Research Institute of Petroleum Exploration & Development, Petro China</p>
17:15-17:30	<p>IFEDC202213235</p> <p>Effects of Temperature, Concentration and Synergism on Green Schiff Bases Synthesized from Vanillin in Applications as Corrosion Inhibitors for Carbon Steel in Well Stimulation</p> <p>Luana Barros Furtado, Federal University of Rio de Janeiro, Researcher and professor</p>
17:30-17:45	<p>IFEDC202212459</p> <p>Performance Evaluation Technology and Application of Resin-coated Sand in Increasing Production and Sand Control of Low Permeability Unconsolidated Sandstone Reservoir ——Taking the North 10 well area</p> <p>LONG Sha-sha, Zhundong Oil Production Plant, Xinjiang Oilfield Company, PetroChina</p>
17:45-18:00	<p>IFEDC202212494</p> <p>Use of Silica Extracts from Waste Glass in the Water-based Drilling Fluid to improve Rheological and Filtration Loss Properties.</p> <p>Bhairab Jyoti Gogoi, Presidency University, Assistant Professor</p>
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
<p>Host:</p> <p>GAO Qiu-ying, Engineering Technology Research Institute, SINOPEC Northwest Oilfield Branch, Professorial Senior Engineer</p> <p>LI Han-zhou, Petroleum Engineering Technology Research Institute of Sinopec Jiangsu Oilfield Company, Chief Oilfield Expert</p>	
Comprehensive Study	
08:00-08:20	<p>IFEDC202212923</p> <p>Development and Industrial Application of Wellbore Biological Sulfur Removal and Corrosion Prevention Technology</p> <p>LI Han-zhou, Petroleum Engineering Technology Research Institute of Sinopec Jiangsu Oilfield Company</p>

08:20-08:40	IFEDC202210887 Study on Dynamic Gelation of Cross-linking Polymer XIONG Ying, PetroChina Dagang Oilfield Company
08:40-09:00	IFEDC202213096 Chemical Plugging System and Application of Asphaltene Deposition in an Oilfield in Northwest China Yang Zu-guo, Key Laboratory of Enhanced Oil Recovery in Carbonate Fractured-vuggy Reservoirs
09:00-09:20	IFEDC202213228 Evaluation on Foaming and Plugging Performance of Foam WANG Yu-fei, New Energy (geothermal) Development Technology Co, Jidong Oilfield Company of CNPC
09:20-09:40	IFEDC202211390 Corrosion Inhibition of N80 Steel in 10% Citric Acid +1%HF Solution DU Juan, Southwest Petroleum University
09:40-10:00	IFEDC Analysis of Synergistic Mechanism of Alkyl benzene Sulfonate/cycloalkyl Petroleum Sulfonate Compounding GUAN Dan, Research Institute of Experiment and Detection, Xinjiang Oilfield Company, PetroChina
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:50	IFEDC202212446 Composition Analysis and Pyrolysis Mechanism of Tank Bottom Oil Sludge in Changqing Oilfield LI Huan, Exploration and Development Research Institute of Changqing Oilfield Company
10:50-11:10	IFEDC202211243 Density and Viscosity-adjustable Thermoplastic Rubber for Oil Field Water Shutoff and Profile Control is Prepared from Sulphur after Natural Gas Desulfurization and Vegetable Oil GAO Qiu-ying, Research Institute of Engineering Technology
11:10-11:30	IFEDC202211306 Construction and Performance Evaluation of CO ₂ Responsive Gel Channeling System LI Wei-tao, Research Institute Exploration and Development

11:30-11:45	IFEDC202212122 Study on Evaluation Methods of Micro-emulsion in Low Permeability and Tight Oil Reservoir CHEN Wei-dong, Key Laboratory of Oilfield Chemicals
11:45-12:00	IFEDC202211067 Research and Application of FA Variable Viscous Slippery Water Fracturing Fluids LI Yang, China Petroleum Exploration and Development Research Institute
12:00-14:00	Buffet Lunch and Break

IFEDC

Session 6 Location : Conference Room 3-10, 3rd Floor

Reservoir Drilling & Completion Session

Co-organized by: CNPC Engineering Technology Research Institute Co. LTD.,

National Engineering Laboratory of Oil and Gas Drilling Technology

Date: 16 November, 2022 (PM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Reservoir Drilling & Completion Session	
Host: PAN Deng, Drilling Fluid Branch, CNPC Xi Bu Drilling Engineering Company Limited, General Manager, Academic members of the conference LIU Shou-jun, CNPC Engineering Technology Research Institute Co., Professorial Senior Engineer, Conference Reviewers	
Drilling Technology	
14:00-14:20	IFEDC Current Status and Development Direction of Continuous Tubular Drilling Technology in China LIU Shou-jun, CNPC Engineering Technology R & D Company Limited
14:20-14:40	IFEDC202211803 Drilling Technology of SAGD Horizontal Well with Complex Fishbone DING Hong, Directional Drilling Technology Services Company of CNPC Xibu Drilling Engineering Company Limited
14:40-15:00	IFEDC202212371 Key Technology of Geosteering for Horizontal Wells in Thin Interbedded Shale Reservoirs ——Taking Jimusar National Continental Shale Oil Demonstration Area as an Example WANG Liang-zhe, Jiqing Oilfield Operation Area of Xinjiang Oilfield Company
15:00-15:15	IFEDC202211631 Horizontal Drilling Technology with Long Horizontal Laterals in Jimusar Shale Oil ZHOU Lei, Zhundong Driling Company of CNPC Xibu Driling Engineering Co.

15:15-15:30	<p>IFEDC202211030</p> <p>Application of the Key Technology of Sidetracking Horizontal Well in Shallow Reservoir of Jidong Oilfield</p> <p>LI Yun-feng, Institute of Drilling and Production Technology, Jidong Oilfield Company, PetroChina</p>
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Tools & Equipment	
16:00-16:20	<p>IFEDC</p> <p>New Technological Advances in the Superabrasives and Diamond Industry</p> <p>YANG Xiong-wen, CNPC Engineering Technology R & D Company Limited</p>
16:20-16:40	<p>IFEDC202210876</p> <p>Study on the Coupling Law of the Stator and Rotor of Positive Displacement Motor with the Application of Highly Filled Rubber</p> <p>ZHANG Hong-lin, Beijing Petroleum Machinery Co.</p>
16:40-17:00	<p>IFEDC202212461</p> <p>Development and Application of Automatic Cementing Equipment</p> <p>ZHANG Huai-wen, CNPC Engineering Technology R&D Company Limited</p>
17:00-17:15	<p>IFEDC202211222</p> <p>Development of Intelligent Drill Pipe for Power Supply and Communication</p> <p>HAN Fei, CNPC Engineering Technology R&D</p>
17:15-17:30	<p>IFEDC202213186</p> <p>Mathematical Modelling of Performance and Wear Prediction of PDC Drill Bits: Impact of Bit Profile, Bit Hydraulic, and Rock Strength</p> <p>Ahmed Mazen and Nejat Rahmanian, Glinik Drilling Tools, Technical Sales Manager</p>
17:30-17:45	<p>IFEDC202211088</p> <p>Modeling and Experimental Study on the Main Controlling Factors and Formation Mechanism of BHA Motion States</p> <p>LI Wei, Geosteering & Logging Research Institute, Sinopec Matrix Corporation</p>
17:45-18:00	<p>IFEDC202213219</p> <p>Analysis of API S-135 Steel Drill Pipe Cutting Process by Blowout Preventer</p> <p>Nikolas Lukin, Petrobras, Engineer</p>
18:30-20:00	Excellent Paper Award Ceremony

17 November, 2022 (AM)

Host:

LU Deng-yun, CNPC Chuanqing Drilling Engineering Company, Chief Expert, Professorial Senior Engineer, Academic members of the conference

YANG Xiong-wen, CNPC Engineering Technology Research Institute Co., Senior Expert, Professorial Senior Engineer

Well Completion

08:00-08:20	IFEDC202211718 A Novel Method for Drilling and Completion Engineering Evaluation in Overseas Oil and Gas Assets to be Acquired HU Gui, PetroChina Research Institute of Petroleum Exploration &
08:20-08:40	IFEDC202211765 Study on Radial Bond Strength of Cement Sheath Interface Under Alternating Stress CHENG Yong-qin, Research Institute of Petroleum Exploration&
08:40-09:00	IFEDC202211289 Development and Field Test of Fully Automatic Wireless Remote Control High Pressure Cementing Head LIN Jian-zeng, Cementing Company of XDEC
09:00-09:15	IFEDC202212721 Research on Mechanism and Prevention Technology of Casing Damage in A'nan Oilfield GAO Shan, Oil Production Engineering Research Institute
09:15-09:30	IFEDC202210894 Study on Fracture Propagation in Tight Sandstone by Large-scale Physical simulation Experiments LI Jia-ying, CNPC Engineering Technology R&D Company Limited
09:30-09:45	IFEDC202213016 Investigation on Shear Stability of Meso-structure of Fracture Plugging Zone in Deep Formation JING Hao-ran, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation in Southwest Petroleum University

09:45-10:00	<p>IFEDC202213249</p> <p>Applied Oilfield Geomechanics, a Panacea to Safe and Cost-effective Drilling in Offshore Niger Delta Basin, Nigeria</p> <p>Jerome Edafe Asedegbega, GCube Integrated Services Ltd, Technical Director</p>
10:00-10:30	<p>Tea/Coffee Break and E-poster Seminars for Sharing</p>
<p>Optimization and Speed-up</p>	
10:30-10:50	<p>IFEDC</p> <p>Research and Application of Integrated Engineering and Geological Horizontal Well Speed-up Technology</p> <p>LIU Wei, CNPC Engineering Technology R&D Company Limited</p>
10:50-11:10	<p>IFEDC202211670</p> <p>Inclination Prevention & Fast Drilling Technology for the Hard Formation with High Steep Structures in the Piedmont of Tarim Basin</p> <p>YU Li-bin, Directional Drilling Technology Services Company of XDEC</p>
11:10-11:30	<p>IFEDC202212254</p> <p>The Research and Application of Integrated Drilling Technology in Complex Deep Exploration Wells</p> <p>ZHAO Qian-jin, Prtroleum Research& Development Center of Tuha Oilfield Company</p>
11:30-11:40	<p>IFEDC202212896</p> <p>Methods Improving Well Delivery for Geoscientists and Drilling Engineers</p> <p>John P de Wardt, De Wardt and Company</p>
11:40-11:50	<p>IFEDC202210840</p> <p>Geology-engineering Integration for Safe ROP Improvement of Ultra-deep Wells</p> <p>CHEN Chang-chang, CNPC Engineering Technology R&amp</p>
11:50-12:00	<p>IFEDC202213166</p> <p>Well Trajectory Optimization under Geomechanical Uncertainties</p> <p>Behnam Sakkaki, Amirkabir University of Technology, Petroleum Engineer</p>
12:00-14:00	<p>Lunch buffet and break</p>
<p>17 November, 2022 (PM)</p>	

Host: LIU Wei, CNPC Engineering Technology Research Institute Co., Senior Expert, Professorial Senior Engineer HE Ai-guo, CNPC Engineering Technology Research Institute Co., Senior Expert, Professorial Senior Engineer	
Drilling Technology and Tools & Equipment	
14:00-14:15	IFEDC202211586 Integrated Geosteering Drilling Technology in Developing Mahu Complex Reservoirs FAN Zhi-guo, Directional Drilling Technology Service Company of XDEC
14:15-14:30	IFEDC202210920 Research and Application of Sidetracking and Completion Technology of Slim Hole and Old Well in Jizhong Oilfield LI Peng-wei, Engineering Technology Research Institute of PetroChina Huabei Oilfield Company
14:30-14:45	IFEDC202213126 Evaluation of Radial Drilling Technology (RDS) Application as New Method to Improve Oil Production from Low Permeability Formations in Sudanese Oil Fields Samih Mohieldin Hassan Abdulrahman, Petro Energy E&P, Simulation Engineer
14:45-15:00	IFEDC202211255 Research and Application of Safe and Efficient Drilling Technology in Doseo-Salamat Basin of Chad LI Gan-lu, CNPC Engineering Technology R&D Company Limited
15:00-15:15	IFEDC202213140 Performance of Fiberglass Casing and Tubing in Highly Corrosive Environments Ahmed Abdul Rauf, Biewu International, Engineering and Sales Manager
15:15-15:30	IFEDC202211969 Design and Test of Delay-Opening Toe-End Sliding Sleeves With Soluble Materials WANG Wei-peng, Changqing Downhole technology Company of CNPC Chuanqing Drilling Engineering Company

15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Working Fluid Study and Wellbore Monitoring	
16:00-16:20	IFEDC Research and Application of High Temperature Resistant High Density Oil based Drilling Fluid WANG Jian-hua, CNPC Engineering Technology R&D Company Limited
16:20-16:40	IFEDC202211627 Research and Application of Oil-based Drilling Fluid Plugging Technology in the Southern Margin of the Junggar Basin ZHOU Shuang-jun, Drilling Fluid Branch, CNPC Xi Bu Drilling Engineering Company Limited
16:40-17:00	IFEDC202212820 Modeling Drilling Fluid Loss and Dynamic Behavior of Fracture During Drilling Fluid Loss in Deep Fractured Reservoirs XIE Zhi-chao, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University, Chengdu, China
17:00-17:15	IFEDC202212384 Development and Application of High Temperature and High Pressure Dynamic Annular Temperature and Pressure Monitoring System LU Ming, China University of Petroleum (East China)
17:15-17:30	IFEDC202213131 Wellbore Stability Analysis Using Elastoplastic and Thermo-Elastoplastic Approaches Osman Hamid, Robert Gordon University/Saudi Aramco, Geomechanical Specialist
17:30-17:45	IFEDC202210961 Practice of Data Support while Drilling in Avoiding Casing Running Risk in Highly Deviated Wells MENG Xuan, CNOOC EnerTech-Drilling &
17:45-18:00	IFEDC202213232 Reduction of Formation Damage in Horizontal Wellbores by Application of Nano-Enhanced Drilling Fluids: Experimental and Modeling Study Nima Shojaei, Iranian Central Oil Fields Company, Drilling Supervisor

18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
Host: WANG Jian-hua, CNPC Engineering Technology Research Institute Co., Professorial Senior Engineer CHA Yong-jin, CNPC Engineering Technology R&D Company Limited, Professorial Senior Engineer	
Comprehensive Study	
08:00-08:20	IFEDC CCUS/CCS Wellbore Safety Design and Construction CHA Yong-jin, CNPC Engineering Technology R&D Company Limited
08:20-08:40	IFEDC202212481 Selecting and Organizing Analog Wells for Type Well Construction in Unconventional Reservoirs W John Lee, Texas A&M, Professor
08:40-09:00	IFEDC202212945 Quantitative Evaluation and Selection Method for Rigid Lost Circulation Materials based on Fuzzy Analytic Hierarchy Process GUO Kun, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University, Chengdu, China
09:00-09:15	IFEDC202212845 Research and Application of "Dual 2D" Wellbore Trajectory Design Method for Horizontal Wells YUAN Xiao-jing, Daqing Oil Production Engineering Research Institute
09:15-09:30	IFEDC202211108 Succeeding with Multilateral Wells in Complex Channel Sands LI Jian-ping, Research Institute of China Offshore Oil Corporation
09:30-09:45	IFEDC202212510 Stability of the Wellhead in the Seabed in One of the Marine Reservoirs of Iran Mahdi Aghaei, empty

09:45-10:00	IFEDC202211643 Research and Application of a New Plugging Agent XU Jing, Drilling and Production Technology Research Institute of Jidong Oilfield Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:50	IFEDC Domestic and International New Energy Progress and Engineering Needs HE Ai-guo, CNPC Engineering Technology R&D Company Limited
10:50-11:10	IFEDC202212869 Safety Analysis of Casing String after Sidetracking in Existent Production-resumed Wells WANG Jian-jun, CNPC Tubular Goods Research Institute
11:10-11:30	IFEDC202212007 Research and Application of New Nano Low Density Cement Slurry in Qinghai Oilfield CHEN Jian-hong, Cementing Company of XDEC
11:30-11:45	IFEDC202213231 A Mathematical Model for the Pull-out of a Drill String Immersed in a Cuttings Bed Maryelen H Miyoshi, Prysman Group, Trainee Engineer
11:45-12:00	IFEDC202213137 Novel Epoxy Resin Circulation Squeeze to Cure Long Term CO ₂ and Sustained Casing Pressure in Geothermal Wells Walmy Cuello Jimenez, Halliburton, Product Champion
12:00-14:00	Lunch buffet - end of conference

Session 7 Location : Conference Room 3-7, 3rd Floor

Oil & Gas Production Engineering Session

Co-organized by: Production Engineering & Research Institute, Daqing Oilfield

Date: 16 November, 2022 (PM) - 17 November, 2022 (PM)

Gas Storage Construction Session

Co-organized by: Petroleum Exploration & Production Research Institute, SINOPEC

Date: 18 November, 2022 (AM)

16 November, 2022 (PM)	
Oil & Gas Production Engineering Session	
Host: LIU Xiang-bin, Daqing oilfield oil production engineering research institute, Vice President XIE Bin, Engineering Technology Research Institute of PetroChina Xinjiang Oilfield, Professorial Senior Engineer	
Increase Production and Injection	
14:00-14:15	IFEDC Study of Optimal Decision Making Technology for Horizontal Well Volume Fracturing ZHANG Xian-min, School of Petroleum Engineering, China University of Petroleum (East China)
14:15-14:30	IFEDC202211413 Discussion on Multi Layer Sand Dracturing Technology in Thin Interbedded Reservoir WU Hao-bing, Oil Production Engineering Research Institute of PetroChina Daqing Oilfield Co., Ltd
14:30-14:45	IFEDC202212135 Directional Secondary Perforation Technology in the Same Interval HUANG Jin, Engineering Technology Brigade of Oil Test and Production Branch of Daqing Oilfield Co.
14:45-15:00	IFEDC202211683 Exploration of Horizontal Well Reservoir Stimulation in Shallow Carbonate Reservoir of Nanyishan XUE Hao-nan, Downhole Service Company

15:00-15:15	<p>IFEDC202211412 Influential Factors of Productivity with Gray Correlation Method after Acid Fracturing of Carbonate Reservoirs LUO Yang, Daqing Oilfield Production Engineering Research Institute</p>
15:15-15:30	<p>IFEDC202211849 Research and Application of Geology and Engineering Integration Technology in Extra-low Permeability Reservoir WANG Wei, Remaining Oil Exploration Technical Service Project Team of Daqing Drilling&Exploration Engineering Company</p>
15:30-16:00	<p>Tea/Coffee Break and E-poster Seminars for Sharing</p>
<p>Increase Production and Injection</p>	
16:00-16:20	<p>IFEDC Progress of Production Enhancement and Transformation Technology in Daqing Oilfield and its Development Direction LIU Xiang-bin, PetroChina Daqing Oilfield Production Engineering & Research Institute</p>
16:20-16:40	<p>IFEDC Study on Optimal Deployment of Horizontal Well Volume Fracturing in Q1 Block Ultra-low Permeability Reservoir FENG Xin, Liaohe Oilfield Company, PetroChina</p>
16:40-17:00	<p>IFEDC202211805 Research on the Formation Conditions of Branch Fractures based on the Real Fracture Initiation Direction of Branch Fractures HU Zhi-fan, Oil Production Engineering Research Institute of Daqing Oilfield Co.</p>
17:00-17:15	<p>IFEDC202212901 Modeling and Optimization of Exploitation of Carbonate and Basement Naturally Fractured Reservoirs Marisely C Urdaneta, Universidad del Zulia, Petroleum Engineer</p>
17:15-17:30	<p>IFEDC202211034 Analysis on Gas Pressure in Deflagration Fracturing due to the Multi-factor Influenced Propellant Burning Rate ZHENG Li-ming, Yanshan University</p>
17:30-17:45	<p>IFEDC202212894 Application of Data Science to Optimize Surface Facilities Operations and Production at A Sour Gas Field Development Jianjiang Lv, UECSL, Reservoir Engineer</p>

17:45-18:00	<p>IFEDC202213185 CO₂ Capture and Storage Enables Development of Giant Contaminated Offshore Gas Field Raj Deo Tewari, Group Research & Technology, Petronas, Chief Scientist</p>
18:30-20:00	<p>Excellent Paper Award Ceremony</p>
<p>17 November, 2022 (AM)</p>	
<p>Host: WEI Jian-guang, Institute of Unconventional Oil & Gas, Northeast Petroleum University, Vice President WANG Guo-xue, Research Institute of Oil and Gas Technology, PetroChina Changqing Oilfield Company, Compagnie Generale de Geophysique(C.G.G), China Representative</p>	
<p>Oil Extraction Equipment</p>	
08:00-08:15	<p>IFEDC202212680 Research and Application of Oil Recovery Technology in Low Permeability Loose Sandstone Reservoir SHI Yan, Zhundong Oil Production Plant, Xinjiang Oilfield Company, PetroChina</p>
08:15-08:30	<p>IFEDC202211584 The First Application of Optical Fiber Temperature Sensing Technology in Fracturing Wells in Qingshen Gas Field WANG Hai-tao, Daqing Oilfield Production Technology Institute</p>
08:30-08:45	<p>IFEDC202211036 Development and Application of Annular Probe Corrosion Monitoring Equipment in Tahe Oilfield ZHANG Jiang-jiang, SINOPEC Northwest Company of China Petroleum and Chemical Corporation</p>
08:45-09:00	<p>IFEDC202211038 Application of Geology-Engineering Integration On Direction Well near Faults SONG Zhan-sheng, No.5 Oil Production Company of Daqing Oilfield Limited Company</p>
09:00-09:15	<p>IFEDC202212658 Integrated String for Snubbing Operation of High Pressure Horizontal Well WANG Xiao-jiang, Zhundong Oil Production Plant, Xinjiang Oilfield Company, PetroChina</p>

09:15-09:30	IFEDC202213227 Research and Application of Wellbore Control Device for Shale Oil Horizontal Well ZHANG Jian-wen, Jiqing Oilfield Operation Area of Xinjiang Oilfield Branch
09:30-09:45	IFEDC202212777 A Study on Downhole Oil-water Cyclone Separator with High Liquid Production in the Same Injection-production Well XING Lei, School of Mechanical Science and Engineering, Northeast Petroleum University, Daqing
09:45-10:00	IFEDC202211716 CO ₂ drive pumping well anti-gas pumping pump development WANG Yang, Oil Production Engineering Research Institute of Daqing Oilfield Co.
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Layered Injection and Extraction	
10:30-10:50	IFEDC Research and Application of Percolation Law in Low Permeability Sandstone Reservoirs ZHANG Xing, Shengli Oil Field Engineering Technology Research Institute
10:50-11:10	IFEDC202212252 Feasibility Study for On-off ICD Application in a Multi-layer Offshore Carbonate Reservoir in Middle East YU Jia, Geological Exploration and Development Research Institute, Chuanqing Drilling Engineering Company Limited, China National Petroleum Corporation
11:10-11:30	IFEDC202212021 Research and Experiment of Hydraulic Control Intelligent Water Injection Measurement and Control System for Offshore Oil Field DU Xiao-xia, China Oilfield Services Limited
11:30-11:45	IFEDC202213029 Determination of Limited Water Injection Pressure for Offshore Faulted Oilfield Considering Formation-fault-cap Safety TANG Jie-hong, Southwest Petroleum University

11:45-12:00	IFEDC202210939 Research on Integrity of Water Plugging Wellbore Based on AHP and Fuzzy Comprehensive Evaluation LIU Ying, Sinopec Northwest China Petroleum Bureau
12:00-14:00	Buffet Lunch and Break
17 November, 2022 (PM)	
Host: HUANG Kun, PetroChina Tarim Oilfield Oil and Gas Engineering Research Institute, Chief Engineer ZHANG Xian-min, School of Petroleum Engineering, China University of Petroleum (East China), Professor	
Oil Recovery Chemistry	
14:00-14:15	IFEDC Shale Oil Utilization Mechanism and Optimization Technology of Discharge and Recovery System WEI Jian-guang, Institute of Unconventional Oil & Gas, Northeast Petroleum University
14:15-14:30	IFEDC202212270 Diagnosis Analysis and Optimization of Working Conditions of Electric Submersible Pump Wells in Offshore Oil Fields WANG Hui, CNOOC Ener Tech-Drilling & Production Co.
14:30-14:45	IFEDC202211151 Research and Application of Oil Well Working Condition Analysis Targeted on Achieving Maximum Production Profit HOU Yu, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd.
14:45-15:00	IFEDC202211188 System Optimization of Submersible Electric Progressing Cavity Pump: Design and Field Application of PCP specially used for Submersible Motor. ZHU Shi-jia, Research Institute of Petroleum Exploration and Development

15:00-15:10	<p>IFEDC202210822</p> <p>Research on System Efficiency Evaluation of Dilute Pumping Unit based on Clustering</p> <p>LI Bing, CNPC Engineering Technology R&D Company Limited</p>
15:10-15:20	<p>IFEDC202212511</p> <p>Prediction of Run Life of Electrical Submersible Pump by Machine Learning in the Egyptian Western Desert</p> <p>Omar M. Abd El-Moaz, Qarun Petroleum Company, Production Engineer</p>
15:20-15:30	<p>IFEDC202211200</p> <p>Cause Analysis and Countermeasures of Low-production and Low-efficiency Pumping Wells in Y Oilfield</p> <p>ZHANG Wan-qing, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd.</p>
15:30-16:00	<p>Tea/Coffee Break and E-poster Seminars for Sharing</p>
<p>Manual Lifting and Underground Operation</p>	
16:00-16:20	<p>IFEDC</p> <p>Application of High-end Rock Chip Digitization Technology in Engineering Dessert Identification</p> <p>WANG Guo-xue, Compagnie Generale de Geophysique (C.G.G.)</p>
16:20-16:40	<p>IFEDC202211360</p> <p>Heavy Oil Lightening Production Technology and Pilot Test in Block X of Ecuador</p> <p>XU Xiang-lin, China National Oil and Gas Exploration and Development Company Ltd. Beijing, China</p>
16:40-17:00	<p>IFEDC202213214</p> <p>Asphaltene Deposition on Coated and Uncoated Metallic Surfaces</p> <p>Saeid Norouzi Apourvari, Shahid Bahonar University of Kerman, Associate Professor</p>
17:00-17:20	<p>IFEDC202212126</p> <p>Preparation of Ionic Liquid Microemulsion and its Application in Viscosity Reduction of Heavy Oil</p> <p>QIAN Kun, Oil Production Engineering Research Institute of Daqing Oilfield Co., Ltd</p>

17:20-17:40	<p>IFEDC202213234</p> <p>Experimental Analysis of Inorganic Scale Deposition in Pipes: Considerations of the Mesoscale Flow Loop Development and Case Study</p> <p>Victor Palma Contreras, Universidad Austral de Chile</p>
17:40-18:00	<p>IFEDC202212480</p> <p>Computational Fluid Dynamics Modelling of Casing Perforations Erosion Caused by Hydraulic Fracturing Proppants</p> <p>Abdullah Abduljabbar, Universiti Teknologi PETRONAS, PhD Candidate</p>
18:30-20:30	<p>Dinner Buffet</p>
<p>18 November, 2022 (AM)</p>	
<p>Gas Storage Construction Session</p>	
<p>Host:</p> <p>WANG Jie-ming, PetroChina Exploration and Development Research Institute, Senior Engineer</p> <p>XU Fei, Sinopec Zhongyuan Oilfield Company, Expert</p>	
08:00-08:15	<p>IFEDC</p> <p>Scientific View of CO₂ Capture-geological Storage and CO₂ Reduction</p> <p>DOU Hong-en, PetroChina Research Institute of Petroleum Exploration and Development</p>
08:15-08:30	<p>IFEDC202211554</p> <p>Change Trend and New Development Model of Underground Gas Storage Site Resources in China</p> <p>WANG Jie-ming, PetroChina Research Institute of Petroleum Exploration &</p>
08:30-08:45	<p>IFEDC202213023</p> <p>Application of Hydraulic Fracturing Ground Stress Measurement Technology in UGS Operating Pressure Design</p> <p>LIU Wei, Jidong Oilfield Company, PetroChina</p>

08:45-09:00	IFEDC202211013 Discussion on Technical Route and Mode of Building Gas Storage by Using Oil Reservoir in China ZHU Hua-yin, PetroChina Exploration &
09:00-09:15	IFEDC202212635 A Rapid Evaluation Method for the Availability of Old Wells in Gas Storage Reservoirs XU Fei, Zhongyuan Oilfield Branch of Sinopec
09:15-09:30	IFEDC202212909 Experimental Study on Displacement and Expansion Mechanism of Underground Gas Storage in Low Permeability Reservoir YU Bei-bei, Exploration and Development Institute of Dagang Oilfield Company
09:30-09:40	IFEDC202211954 An Design Method of Well Pattern Density for a Gas Field Storage Facility in High-speed Injection Production LI Chun, PetroChina Research Institute of Petroleum Exploration &
09:40-09:50	IFEDC202213127 Hydrogen Geo-storage: Opportunities and New Insights Stefan Iglauer, Edith Cowan University, Professor
09:50-10:00	IFEDC202211393 Study on Injection Production Operation Law of J Gas Storage WANG Ya-ni, Exploration and Development Research Institute of Petrochina Huabei Oilfield Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC202211251 Design and Application of Pilot Test Scheme for Complex Oil and Gas Reservoir Construction as Gas Storage in Jidong Oilfield SUN Yan-chun, PetroChina Jidong Oilfield Company
10:45-11:00	IFEDC202210975 A New Magnetic Ranging Technology Achieves the Accuracy and Operational Flexibility Needed for Plugging Complex Old Wells of Underground Gas Storage CHE Yang, CNPC Engineering Technology R&

11:00-11:15	IFEDC202211900 Study on Wellbore Degradable Chemical Temporary Plugging Technology in CO ₂ Injection Well ZHANG Xiang-feng, Petroleum Engineering Technology Research Institute of Shengli Oilfield Branch of Sinopec
11:15-11:30	IFEDC202212968 Optimization and Performance Evaluation of Plugging Scheme for Fractured Leakage in Gas Storage Drilling LI Hai-tao, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University
11:30-11:40	IFEDC202213026 Assessment and Optimization of CO ₂ Storage Capacity in Saline Aquifers Considering Geomechanics ZHONG Qian-hu, Southwest Petroleum University
11:40-11:50	IFEDC202211221 Sealing Evaluation Technology of Reservoir Gas Storage under Alternating Load WANG Miao, Exploration and Development Research Institute, petrochina Jidong Oilfield Company
11:50-12:00	IFEDC202213122 Subsurface Gas Storage Simulation for New Energy Initiatives Marie Ann Giddins, Schlumberger, Advisor
12:00-14:00	Buffet Lunch and Break

Session 8 Location : 3-6 Elmwood Hall, 3rd floor

Enhanced Oil Recovery in Oil & Gas Fields Session

Co-organized by: Oil Field Development Institute, PetroChina Research Institute of Petroleum Exploration and Development

Date: 16 November, 2022 (PM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Enhanced Oil Recovery in Oil & Gas Fields Session	
Host: HE Dong-bo, PetroChina Research Institute of Petroleum Exploration and Development, Conference Academic Committee WANG Shi-jie, SINOPEC Northwest Oilfield Branch, General Manager	
Thick Oil Extraction	
14:00-14:15	IFEDC202212399 Research and Prospect of Efficient Development Technology of Shallow Super Heavy Oil SUN Xin-ge, Petrochina Xinjiang Oilfield Company
14:15-14:30	IFEDC202210852 Experimental Technology and Application of Multiple Thermal Recovery Development in Heavy Oil Reservoir ZHAO Qing-hui, PetroChina Liaohe Oilfield Company (National R & amp)
14:30-14:45	IFEDC202211165 Integrated Technology of Chemical and Mechanical Sand Control in Sand Producing Well of Heavy Oil Thermal Recovery SUN Tao, Petroleum Engineering Research Institute of Dagang Oilfield Company
14:45-15:00	IFEDC202213087 Physical Simulation Study of Drive Characteristics of Supercritical Multi-thermal Fluids in Heavy Oil Reservoirs SUN Xiao-fei, China University of Petroleum (East China)

15:00-15:10	IFEDC202212631 Research and Application of SAGD Energy Enhancement and Cavity Expansion Technology for Super Heavy Oil Type III Reservoirs XIE Yang-bo, PetroChina, Xinjiang Oilfield Company
15:10-15:20	IFEDC202212411 Micro-utilization Law of Water Drive and CO ₂ Drive in Strong Water Sensitive Heavy Oil Reservoir in North 10 Well Area NING Meng, Oil Recovery Research Institute of Xinjiang Oilfield Company Experimental Testing Research Institute
15:20-15:30	IFEDC202211293 Oxidative Exothermic Behaviors and Kinetics of Light and Heavy Crude Oils Characterized by TG, DSC, and FTIR WANG Liang-liang, China University of Petroleum (East China)
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Thick Oil Extraction	
16:00-16:15	IFEDC202210914 Mechanisms of Heavy Oil Recovery by Water-free SAGD Technology and its Low-carbon Recovery Potentials WU Yong-bin, RIPED
16:15-16:30	IFEDC202211315 Research on Oil Viscosity Limit of Chemical Flooding in Conventional Heavy Oil Reservoir LI Zong-yang, Exploration and Development Research Institute of Shengli Oilfield Company
16:30-16:45	IFEDC202210843 Comparative Effectiveness of Heavy Crude Oil Viscosity Reduction and Oil Production by Different Types of Surfactants CHEN Shao-hua, Beijing Research Center
16:45-17:00	IFEDC202212645 Experimental Study on Influencing Factors of Stable Propagation of Combustion Front in Heavy Oil Fire Flooding GUO Wen-xuan, Research Institute of Engineering Technology

17:00-17:15	<p>IFEDC202211035</p> <p>Thermal EORs and Reservoir Management for a Heterogeneous Multilayer Sandstone Oil Field</p> <p>LV Xiao-guang, C&amp</p>
17:15-17:30	<p>IFEDC202212434</p> <p>Optimization of Technical Parameters of SAGD Fast Start-Up Technology in Fengcheng Oilfield</p> <p>YANG Hao-zhe, Fengcheng Oilfield Operation area of Xinjiang Oilfield Branch</p>
17:30-17:40	<p>IFEDC202212958</p> <p>Study on Microscopic Oil-water Emulsification and Seepage Mechanism of Hydraulic Pulse Jet Assisted Heavy Oil Thermochemical Drive</p> <p>ZHENG Li-ming, Yanshan University</p>
17:40-17:50	<p>IFEDC202211302</p> <p>3D Physical Simulation of Viscosity Reduction Flooding and Application in Water Flooding Heavy Oil Reservoirs</p> <p>XU Hong-guang, Petroleum Engineering Technology Research Institute of Shengli Oilfield Company</p>
17:50-18:00	<p>IFEDC202212931</p> <p>Research on Numerical Simulation Method of Steam Injection over Fracturing Pressure in Heavy Oil Reservoirs</p> <p>ZHANG Zhao-xiang, Xinjiang Xinchun Oil Development Co.</p>
18:30-20:00	<p>Excellent Paper Award Ceremony</p>
<p>17 November, 2022 (AM)</p>	
<p>Host:</p> <p>WANG Lu-shan, Shengli Oilfield Branch of Sinopec, Senior Expert, Sinopec</p> <p>SUN Xin-ge, Research Institute of Exploration and Development, Xinjiang Oilfield Company, Professorial Senior Engineer</p>	
<p>Chemical/Microbial Drive</p>	
08:00-08:15	<p>IFEDC202213107</p> <p>Research Progress on Key Technologies of endogenous microbial oil displacement in thin sandstone edge and bottom water reservoir</p> <p>LIU Xiao-li, Research institute of Enhance Oil Recovery</p>

08:15-08:30	IFEDC202212044 Study on Polymer/Surfactant Composite Flooding to Improve Recovery of Common Heavy Oil Reservoir YU Qun, Exploration and Development Research Institute of Shengli Oilfield Company of Sinopec
08:30-08:45	IFEDC202211646 Study on Oil Displacement Mechanism of Active Micro-sphere/Self-emulsifier Composite System JI Yan-feng, Exploration and Development Research Institute of Sinopec Shengli Oilfield Company
08:45-09:00	IFEDC202212527 Study on the Contribution of Enhanced Wave Coefficient and Oil Drive Efficiency to Recovery from Poly/Surface Composite Drive XIAO Chuan-min, Exploration and Development Research Institute of Liaohe Oilfield, PetroChina
09:00-09:10	IFEDC202212644 Identify the Effects of Polymer/Surfactant Binary Combination Flooding on Enhancing Heavy Oil Recovery in Canada LIU Shang-lin, PetroChina Research Institute of Petroleum Exploration and Development
09:10-09:20	IFEDC202212947 Experimental Study on Polymer Surfactant Flooding for Enhanced Recovery of Heavy Oil Reservoir ZHAI Ming-kun, China University of Petroleum (east china)
09:20-09:30	IFEDC202212038 Research and Application of Nano Chemical Oil Displacement Agent in Tertiary Oil Recovery LIU Jie, Tianjin Dagang Oilfield bingang Petroleum Technology Group Co., Ltd.
09:30-09:40	IFEDC202212458 Research and Performance Evaluation of High Temperature and High Salinity Polymer Strong Resident System WU Bei-bei, Sinopec Northwest China Petroleum Bureau

09:40-09:50	IFEDC202212516 Laboratory Evaluation of New Surfactant for Low-cost, High-efficiency Alkali Free Binary Compound Flooding for the Third Type Oil Layers ZHANG Li-dong, Geological Research Institute of the Fourth Oil Production Plant of Daqing Oilfield
09:50-10:00	IFEDC202211856 Application of Microbial Oil Testing Technology in Carboniferous Igneous Rock Heavy Oil Reservoir SUN Gang-zheng, Petroleum Engineering Technology Research Institute of Sinopec Shengli Oilfield Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Gas Drive for Enhanced Recovery	
10:30-10:45	IFEDC202211962 Research and Application of CO ₂ Stimulation Technology in Horizontal Well of Heavy Oil Reservoir of Complex Fault Block LIU Huai-zhu, Tangshan Jiyou Ruifeng Chemical Limited Company
10:45-11:00	IFEDC202212474 The feasibility study of enhanced oil recovery by flue gas flooding in ultra-low permeability fractured oil reservoirs LI Hai-bo, Xinjiang Oilfield Company, Petrochina
11:00-11:15	IFEDC202213180 Research and Application of Air Injection Numerical Simulation in Low Permeability Oilfield LIU Lu, Exploration and Development Research Institute of Daqing Oil Field Company
11:15-11:30	IFEDC202210883 Investigation on Non-uniform Miscibility of CO ₂ -oil in Porous Media and its Influence on EOR and CO ₂ Storage LI Zong-fa, China University of Petroleum (East China)

11:30-11:40	IFEDC202213007 Mechanisms and Field Test of CO ₂ Gas Cap and Artificial Edge Water Bidirectional Displacement and Sequestration in Water Flooded Complex Fault-block Reservoir WANG Zhi-lin, Jiangsu Oilfield Company SINOPEC
11:40-11:50	IFEDC202211220 Research and Practice on Mechanism of Enhanced Oil Recovery by Gas-top Gravity Flooding in Complex Fault Block Reservoirs GAI Chang-cheng, Research Institute of Exploration and Development
11:50-12:00	IFEDC202211168 Research and Application of Carbon Dioxide Flooding Technology in Strongly Heterogeneous Sandstone Reservoir BI Yong-bin, MOE Key Laboratory of Enhanced Oil Recovery, Northeast Petroleum University
12:00-14:00	Buffet Lunch and Break
17 November, 2022 (PM)	
Host: YOU Hong-juan, Research Institute of Engineering Technology; Xinjiang Oilfield Company; PetroChina, Professorial Senior Engineer LIU Xue-li, SINOPEC Northwest Oilfield Branch, Professorial Senior Engineer	
Methodology Study	
14:00-14:20	IFEDC202211647 Study on the Effect of Near-well High-speed Shear on Molecular Size and Oil Displacement Performance of High Viscoelastic Polymer XU Hui, Research Institute of Exploration and Development, Shengli Oilfield Company, SINOPEC
14:20-14:40	IFEDC202212416 Using Water Flooding Well Pattern Release of the Second Class Reservoir after Polymer Flooding to Mothball Reserves Method Research JIN Xian-gao, 1st Oil Production Plant, PetroChina Daqing Oilfield Company

14:40-15:00	IFEDC202212077 The Mathematical Method and Application of Strata Series Recombination in the Middle-late Stages of Multi-layer Sandstone Reservoir Development HU Qi-hao, The Exploration and Development Research institute of Petrochina Huabei Oilfield Company
15:00-15:15	IFEDC202211186 Experimental Study on Aquathermolysis of Oil Sands LIU Xue-qi, PetroChina Exploration and Development Research Institute
15:15-15:30	IFEDC202211700 Preparation and Properties of Temperature-tolerant Viscoelastic Particle Oil-displacing Agent by Macromolecular Crosslinkers JIANG Zu-ming, Exploration and Development Research Institute of Shengli Oilfield Branch of Sinopec
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Development Adjustment	
16:00-16:15	IFEDC202211366 Technology and Application of Horizontal Well Adjustment and EOR in Late Stage of Water Injection Development of Low Permeability Reservoir LIU Yun-li, Fengcheng Oilfield, Xinjiang Oilfield Company
16:15-16:30	IFEDC202210984 Adaptive Evaluation and Effect Analysis of Using Cyclic Alternating Injection/Production with Horizontal Well Pattern to Enhance Oil Recovery for Complex Carbonate Reservoir HU Dan-dan, Research Inst. Of Petroleum Exploration &
16:30-16:45	IFEDC202211914 A Key Technology Serial to Improve Recovery Rate at the Ultra-High Water Cut & Ultra-High Recovery Stage in the 4th Block of Gangxi Oilfield LUO Bo, Exploration and Development Research Institute of PetroChina Dagang Oilfield Company
16:45-17:00	IFEDC202211113 Development and Adjustment Technology of Prolonging Life Cycle for Near-abandoned Reservoirs ZHANG Yi-lin, Research Institute of Exploration and Development, Sinopec Henan Oilfield

17:00-17:15	<p>IFEDC202212408 Comprehensive Evaluation Method of Inter Well Connectivity and Hierarchical Regulation in Conglomerate Reservoir at High Water Cut Stage ZOU Wei, Research Institute of Exploration and Development, Petrochina Xinjiang Oilfield Company</p>
17:15-17:30	<p>IFEDC202211043 Development Adjustment Suggestions for Strong Edge-bottom Water Reservoir at Ultra-high Water Cut Stage: A Case Study from A Oilfield in South America GENG Xiao-yan, Research Institute of Petroleum Exploration and Development</p>
17:30-17:40	<p>IFEDC202212903 Simple Aspects and Methodology, based on Real cases, that must be Considered before starting an EOR Process Aldo R Del Monte, Independent Consultant, Reservoir Engineer</p>
17:40-17:50	<p>IFEDC202212407 Research and Experiment on Supporting Technology of Cable-controlled Intelligent Layered Polymer Injection WANG Ying-ying, Oil production technology research institute of PetroChina Dagang Oilfield</p>
17:50-18:00	<p>IFEDC202213139 Development of Gas Condensate from an Aging Oil Reservoir–A Turning Point In Field Development Vivek Peraser, BP America Inc, Reservoir Engineer</p>
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
<p>Host: WANG Ke-liang, Northeast Petroleum University, Professor LI Hong-xi, CNPC Chuanqing Drilling Engineering Company Limited, Professorial Senior Engineer</p>	
Self Drive in the Same Well & Methodology Study	
08:00-08:20	<p>IFEDC202212149 Co-Well Jection Flooding Precisely Enhanced Oil Recovery Technology in Heterogeneous Reservoir WANG Jin-fang, Research Institute Petroleum Exploration and Development</p>

08:20-08:40	IFEDC202212369 Law of Imbibition and Displacement in Tight Reservoir with Multiple Rounds of Water Injection Huff-puff ZHANG Qi, Petrochina Tuha Oilfield Company
08:40-09:00	IFEDC202211060 Research and Application of Vertical Well Large-scale Volume Fracturing Technology to improve Oil Production Rate in Tight Reservoir WANG Ce, Oil Production Plant 10th of Petrochina Changqing Oilfield Company
09:00-09:15	IFEDC202211408 Practice and Understanding of Tapping Potential to Remaining Oil Precisely with Specified Layer and Direction in PuTaoHua Reservoir of the Periphery Field of Daqing Placanticline KAN Chun-ling, Remaining Oil Tapping Potential Technology Service Project Department of CNPC Daqing Drilling&
09:15-09:30	IFEDC202212383 Study on Seepage Characteristics and Oil Displacement Mechanism of Emulsion in Porous Media ZHANG Min, Exploration and Development Research Institute, Shengli Oilfield Company, SINOPEC
09:30-09:40	IFEDC202213088 Researches about Quantitative Division of Gas Reservoir Development Units HE Lei, Research Institute of Exploration and Development, PetroChina Changqing Oilfield Company
09:40-09:50	IFEDC202211710 Laboratory Research and Field Application of Ultra-high Fraction Multi Copolymer LI Hai-tao, Exploration and Development Research Institute of Shengli Oilfield Company, SINOPEC
09:50-10:00	IFEDC202211552 Optimization of Well Placement for Oil Field Development based on Multivariable Optimization Method using Genetic Algorithm LI Guan-qun, China University of Petroleum (East China)
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Integrated Technology	

10:30-10:45	IFEDC202212440 Dominating Factors on Well Productivity and Development Strategies Optimization in Hongqian Heavy Oil Block of Xinjiang Oilfield PENG Xiao-qiang, Experiment Research Institute of Xinjiang Oil Field
10:45-11:00	IFEDC202211884 Physical Simulation Experiment of Steam Huff and Puff of Heavy Oil Assisted by Different Gases WANG Zhou-jie, China University of Petroleum (East China)
11:00-11:15	IFEDC202212462 Development and Performance Evaluation of Cold Emulsified Viscosity Reduction System for Heavy Oil Production in Karamay Shallow Reservoir SHAO Hong-zhi, Research Institute of Exploration and Detection, Xinjiang Oilfield Branch Company, PetroChina.
11:15-11:30	IFEDC202213063 Investigation of Feasibility of Steam Assisted Gravity Drainage Process as an Enhanced of Oil Recovery Method Using Reservoir Simulation; A Case Study on Heavy Oil Reservoir Mahmood Abduljabbar Hebah, TU Clausthal, Petroleum Engineer
11:30-11:40	IFEDC202212761 Practice and Understanding of "Secondary-tertiary Combination" in Reconstructing Underground Development System ZHOU Jian-wen, Dagang Oilfield Company, CNPC
11:40-11:50	IFEDC202212250 Research and Field Application of the Second & Tertiary Combined Chemical Flooding Technology in the Multi-Layer Sandstone Reservoir on the Period of High Water Content and High Dispersion HUANG Wei, Exploration and Development Institute
11:50-12:00	IFEDC202212904 Economic Feasibility of N ₂ Injection into a Mature Naturally Fractured Gas-Condensate Reservoir with Tight Matrix Pedro Marcelo Adrian, UPSA University, Part-time faculty professor
12:00-14:00	Buffet Lunch and Break

Session 9 Location: 3-11 Yan'an Hall, 3rd floor

Complex Reservoir Dynamic Monitor and Analysis Session

Co-organized by: Reservoir Monitoring and Management Research Institute, Xi'an Shiyou University

Date: 16 November, 2022 (PM) - 17 November, 2022 (AM Before Tea Break)

Artificial Intelligence and Big Data in Oil & Gas Field Session

Co-organized by: Kunlun Digital and Intelligent Technology Co., Ltd.

Date: 17 November, 2022 (AM After Tea Break) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Complex Reservoir Dynamic Monitor and Analysis Session	
Host: XIE Rong-hua, Oil Production Engineering Research Institute of PetroChina Daqing Oilfield Co., Ltd, Chief Expert ZHANG Hong-zhong, Changqing Downhole Technology Company, Petrochina, Vice President	
Production Dynamic Monitoring	
14:00-14:20	IFEDC Analytical Models for Well Testing in Simultaneous Tubular Flow and Seepage Reservoirs and their Applications LIN Jia-en, Oil Reservoir Monitoring and Management Research Laboratory, Xi'an Shiyou University
14:20-14:40	IFEDC202212902 Long-term Productivity Monitoring of Multistage Wells with New Quantum Dot Technology and its Application in Xinjiang Oilfield Jianhua Xu, Beijing Geosplit Oil & amp
14:40-15:00	IFEDC202211304 Dual Completion Technology and Effect Analysis of Multi-layer Sandstone Reservoir in South America LIU Jian, Research Institute of Petroleum Exploration and Development

15:00-15:15	IFEDC202212617 Research of Array Flow Imaging Output profile in Horizontal Well based on Artificial Intelligence ZHANG Xin, Yangtze University
15:15-15:30	IFEDC202212767 A New Approach to Reservoirs Connectivity Analysis Using Pore Pressure Measurements in Pressure Coefficient-depth Plots: A case Study on Normally Pressure Reservoirs from Bohai Oilfields QIAN Geng, China National Offshore Oil Corp.
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Production Dynamic Monitoring	
16:00-16:20	IFEDC Exploration of Dynamic Reserve Calculation Methods for Deep High-pressure Gas Reservoirs SUN He-dong, Research Institute of Petroleum Exploration and Development, Beijing, China
16:20-16:40	IFEDC202213117 Dynamic Evaluation Research during Oil Test for HTHP and High Production Wells XIA Yun, Engineering Technology Research Institute of PetroChina Xinjiang Oilfield
16:40-17:00	IFEDC202211795 Adaptability Analysis and Optimization of Well Pattern Placement for High Dip Reservoir LI Xiang-ling, Research Institute of Petroleum Exploration and Development, Beijing, China
17:00-17:15	IFEDC202211058 Application of RAS Saturation Logging Technology in Dynamic Monitoring of Ultra Deep, High Temperature and High Salt Gas Injection Reservoir TAO Zheng-wu, Tarim Oilfield Branch, CNPC
17:15-17:30	IFEDC202210839 Real Time Monitoring Technology of Heavy Oil Reservoir based on Optical Fiber Sensor LIU Hong-fen, Shengli Oilfield Lusheng Petroleum Development Co.

17:30-17:45	<p>IFEDC202212485</p> <p>Comparative Study of Variance-Based and One-Parameter-at-A-time Sensitivity Analysis Method for Polymer Flood Performance History Matching</p> <p>Sami Abdelrahman Musa, UCSI University, Lecturer</p>
17:45-18:00	<p>IFEDC202212218</p> <p>Research and Application of Critical State Fluid Property Gas-logging Evaluation Technology under Thermal Insulation Condition</p> <p>LIU Ya-dong, CNOOC Ener Tech-Drilling &</p>
18:30-20:00	<p>Excellent Paper Award Ceremony</p>
<p>17 November, 2022 (AM)</p>	
<p>Host:</p> <p>SUN Liang, PetroChina Daqing Oilfield Testing Services Branch, Manager</p> <p>ZHANG Mian, Changqing Downhole Technology Company, Chuanqing Drilling Engineering Company Limited, Petrochina, Senior Engineer</p>	
<p>Wellbore and Reservoir Characterization Monitoring</p>	
08:00-08:20	<p>IFEDC202211826</p> <p>Influence of Casing Wall Thickness to the Amplitude Logging and Its Correction Method</p> <p>DAI Yue-xiang, Xinjiang branch of PetroChina logging Co., Ltd.</p>
08:20-08:40	<p>IFEDC202212360</p> <p>Time-lapse Analysis Method used in Wellbore Integrity Monitoring for Gas Storage</p> <p>LIAO Wei, PetroChina Xinjiang Oil Field Gas Storage Co., Ltd.</p>
08:40-09:00	<p>IFEDC202212895</p> <p>Identifying and Quantifying the Remaining Opportunities by a Hybrid Workflow</p> <p>Babak Moradi, Three60 Energy Norway AS, Senior Reservoir Engineer</p>
09:00-09:15	<p>IFEDC202212890</p> <p>Experimental Investigations on the Effects of Temperature and Pressure in Heavy Oil Sands</p> <p>WANG Zong-jun, CNOOC Research Institute Co.</p>

09:15-09:30	<p>IFEDC202212334</p> <p>Evaluation of Strong Water Sensitivity of Glutenite Reservoir based on Production Dynamic Analysis</p> <p>LIU Can-hua, Research Institute of Exploration and Development, PetroChina Xinjiang Oilfield Company</p>
09:30-09:45	<p>IFEDC202212591</p> <p>Calculation of Multicomponent Gas-Gas and Gas-Liquid Diffusion Coefficient in Porous Media</p> <p>WANG Zi-dun, PetroChina Tarim Oilfield Company</p>
09:45-10:00	<p>IFEDC202213133</p> <p>Better Understanding to be Fractured Formation Through Diagnostic Fracture Injection Testing (DFIT)</p> <p>Peter Z Wang, International United Technology Group, President</p>
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Artificial Intelligence and Big Data in Oil & Gas Field Session	
17 November, 2022 (AM After Tea Break) - 18 November, 2022 (AM)	
Production IoT	
10:30-10:45	<p>IFEDC202210999</p> <p>Integration and Innovation of UAV Mapping Technology and next to Operation of Offshore Oilfield Platform</p> <p>ZHANG Bao-ping, CNOOC EnerTech-Drilling&amp</p>
10:45-11:00	<p>IFEDC202212154</p> <p>Application and Alarm Information Optimization of SCADA Automatic Control System in High Sulfur Gas Field</p> <p>ZHANG Shi-xuan, No.2 Gas Production Company, Southwest Bureau of Petroleum</p>
11:00-11:15	<p>IFEDC202210870</p> <p>Research and Application of the Smart valve in the PCOC</p> <p>CHEN Xiao-gang, Changqing Engineering Design Co.</p>

11:15-11:30	IFEDC202212620 Research and Application of IOT Architecture based on the BeiDou Navigation Satellite System in Oilfield WANG Ya-qiong, Huabei Oilfield Communication Co., Ltd.
11:30-11:45	IFEDC202212170 Early Monitoring Method for Downhole Accidents Driven by Model-Data Coupling CHEN Xiang-hui, CNPC Xibu Drilling Engineering Company Geological Research Institute
11:45-12:00	IFEDC202211382 Research on Discontinuous Structure Method Across Production Well based on Downhole Surface Electromagnetic Wave WANG Wan-jiang, Southwest Petroleum University
12:00-14:00	Buffet Lunch and Break
17 November, 2022 (PM)	
Host: GONG Ren-bin, PetroChina Exploration and Development Research Institute, Chief Expert TAN Chao-dong, China University of Petroleum(Beijing), Professor	
Exploration Digitalization and Intelligent Applications	
14:00-14:20	IFEDC202212889 Analysis on the Effect of Intelligent Application of Technology in Sulige Gas Field SUN Dong, The Third Gas Production Plant of PetroChina Changqing Oilfield Branch
14:20-14:40	IFEDC202212686 Exploration and Practical Research on Intelligent Development Mode of Oilfield CHEN Hua, Taizhou Oil Production Plant, East China Company, SINOPEC
14:40-15:00	IFEDC202212176 Real-Time Lithology Intelligent Detection based on Multi-Source Information Fusion TAO Xin-gang, China University of Petroleum

15:00-15:15	IFEDC202212558 Data-driven PHM Solution for Health Monitoring of Mud Motor Power Sections While Drilling Samba BA, Schlumberger, Domain solution Architect
15:15-15:30	IFEDC202212948 Research on Detection Methods for Gas Well Casing Defects based on Static Magnetic Focusing Array HUANG Hua, Petroleum Engineering Technology Institute of Zhongyuan Oilfield, SINOPEC
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Big Data and Artificial Intelligence Technology	
16:00-16:20	IFEDC202211109 A Loss Type Detection Method based on SAX SHI Xiao-yan, CNPC Engineering Technology R&D
16:20-16:40	IFEDC202212375 Research on Energy Consumption Analysis Method of Low Production Wells based on Cluster Analysis DONG Qiao-ling, Oil Production Engineering Institute Daqing Oilfield Company Limited
16:40-17:00	IFEDC202211536 Application of Big Data Analysis in Turbidite Sandstone Reservoir Prediction DUAN Mai-lun, Sinochem Petroleum Exploration & Production Co., Ltd.
17:00-17:15	IFEDC202211847 The Application Progress and Trend of Artificial Intelligence and Big Data Technology in the field of Reservoir Stimulation Measures LIU Zhe, Research Institute of Petroleum Exploration & Production
17:15-17:30	IFEDC202213134 Smart Oil & Gas Asset Management Applications Oğuzhan Akyene, TESPAM, President
17:30-17:45	IFEDC202212363 Prediction of Oil Well Daily Liquid Production based on GRU Model LIU Xin, China University of Petroleum(East China)

17:45-18:00	IFEDC202212479 Well Construction Planning Efficiency & Quality Improvement with Cloud Based Well Planning Solutions Hendrik Suryadi, Schlumberger, Principal Drilling Engineer
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
Host: ZHANG Bao-ping, CNOOC EnerTech—Drilling&Production Co., Expert DOU Hong-en, Research Institute of Petroleum Exploration & Development, PetroChina, Professorial Senior Engineer	
Big Data and Artificial Intelligence Technology	
08:00-08:20	IFEDC202213193 Intelligent Evaluation Method of Oil Sand Development Effect ZHANG Yu-qing, CNOOC RESEARCH INSTITUTE
08:20-08:40	IFEDC202213162 Optimizing of Rate of Penetration by Using Data Science and Machine learning algorithms Ali Sobhy Hassan, Sino Tharwa Drilling Company, Drilling Engineer
08:40-09:00	IFEDC202213211 Factor Analysis of Affecting the Accuracy for Intelligent Picking of Seismic First Arrivals with Deep Learning Model LI Ning, Research Institute of Petroleum Exploration & Development, PetroChina
09:00-09:15	IFEDC202213161 Sonic Prediction from Well Logs: Machine Learning vs Deep Learning Processes Binh Nguyen-Kieu, Smart Seismic, Data-scientist
09:15-09:30	IFEDC202212487 Design and Development of Digital Intelligent Fracturing Platform CHAI Long, CCDC Chuangqing Downhole Technology Company

09:30-09:45	IFEDC202212281 Development of Intelligent Identification System for Rock Slices based on Deep Learning Model ZANG Chun-yan, CNOOC Experiment Center
09:45-10:00	IFEDC202213073 Develop Data-Driven Proxy Model For Waxy Well Performance Prediction Using Machine Learning Ahmed Ghallab, PETRONAS, Staff Production Technology
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC202212905 Oil and Gas Field Development Simulator based on Digital Twins Arthur M Aslanyan, Nafta College, Principal
10:45-11:00	IFEDC202212750 The Application on Distributed Geospatial Data Management based on Hadoop and the Application in WebGIS HUANG Jian, Data Company of XinJiang
11:00-11:15	IFEDC202212897 Embarking Digital Transformations for Mature field in Malaysia Mohd Ashraf Basarudin, Schlumberger, Production Engineer
11:15-11:30	IFEDC202213062 Picking a Better Perforation Design using Machine Learning and AI Rajesh Bhairampally, TRIDEQ SYSTEMS, CEO
11:30-11:45	IFEDC202212936 Methods and Technologies Research on Data Governance for Oil and Gas Field Exploration and Development MIAO Yu, data company of xinjiang oilfield company
11:45-12:00	IFEDC202213067 Digital Transformation: Extracting value from AI for Efficient Field Exploration & Development Shripad Biniwale, Schlumberger, Global Innovation Manager
12:00-14:00	Buffet Lunch and Break

Session 10 Location: 2nd floor 2-7 , 8-1 hall

Conglomerate reservoir Exploration and Development Session

Co-organized by: Xinjiang Conglomerate Reservoir Laboratory

Date: 16 November, 2022 (PM)

Shale Oil & Gas Exploration and Development Session

Co-organized by: Key Laboratory of Shale Oil Exploration and Development, Xinjiang Oilfield

Date: 17 November, 2022 (AM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Conglomerate reservoir Exploration and Development Session	
Host: LIU Shun-sheng, Petrochina Xinjiang Oilfield Company, Professorial Senior Engineer ZHENG Meng-lin, Research Institute of Exploration and Development, Xinjiang Oilfield Company, Professorial Senior Engineer	
14:00-14:20	IFEDC202212420 Characteristics and Pore Formation Mechanism of High-quality Conglomerate Reservoir in Upper and Lower Wuerhe formation in Mahu sag WANG Jian, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University
14:20-14:40	IFEDC202211420 Influence of Confining Pressure on Fracture Characteristics of the Glutenite Reservoir LIU Jian-tong, China University of Petroleum (Beijing)
14:40-15:00	IFEDC Quantitative Evaluation Method of Turbidites in Conglomerate Reservoirs based on Conventional Logging Curves LU Feng, Research Institute of Experiment and Detection, PetroChina Xinjiang Oilfield Company

15:00-15:15	IFEDC202212534 Study on the Formation Law of Complex Fracture Network in Tight Conglomerate Reservoirs——Taking Mahu tight conglomerate reservoir as an example ZHANG Xu-yang, Baikouquan oil production plant of Xinjiang Oilfield
15:15-15:30	IFEDC Experimental Study on Fluid Resistance Injury and Fracture Energy Replenishment in Tight Conglomerate Reservoirs in Mahu Depression, Junggar Basin ZHOU Hao, Research Institute of Experiment and Detection, PetroChina Xinjiang Oilfield Company
15:30-15:45	IFEDC202213144 Research and Application of Fracturing Technology for Offshore Deep Glutenite Reservoir WANG Xu-xing, China Oilfield Service Limited
15:45-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
16:00-16:20	IFEDC202212946 Recognition of Sedimentary Model and Fine Seismic Characterization Technology of Huge Thick Glutenite Fan in the Steep Slope Zone of the Bohai Bay WANG Jian-li, Tianjin Branch of CNOOC Limited
16:20-16:40	IFEDC Evaluation of Mechanical Properties and Reservoir Compressibility Classification of Conglomerate Reservoirs of Different Lithological Phases in Mahu ZHOU Wei, Research Institute of Experiment and Detection, PetroChina Xinjiang Oilfield Company
16:40-17:00	IFEDC202212143 Study on Mechanical Mechanism of Hydraulic Fracture Propagation based on Micro Characteristics of Mahu Conglomerate WANG Jian-bo, China University of Petroleum Beijing

17:00-17:20	<p>IFEDC</p> <p>Numerical Simulation of Characteristic Parameters of Polytope Binary Drive Reservoirs in Conglomerate Reservoirs</p> <p>LI Kai, Research Institute of Experiment and Detection, PetroChina Xinjiang Oilfield Company</p>
17:20-17:40	<p>IFEDC202211140</p> <p>Study on Control Mechanism of Artificial Fracture Morphology in Mahu Tight Conglomerate Reservoir</p> <p>WANG Ying-wei, Research Institute of Petroleum Exploration and Development</p>
17:40-18:00	<p>IFEDC202212541</p> <p>Best Practice of Bit Optimization in a Strong Heterogeneity Conglomeratic Sandstone Reservoir: 8 Years Case History from Juggar Basin, West China</p> <p>MA Jing, Schlumberger Technology Beijing Geoscience Center</p>
18:30-20:00	<p>Excellent Paper Award Ceremony</p>
<p>17 November, 2022 (AM)</p>	
<p>Shale Oil & Gas Exploration and Development Session</p>	
<p>Host:</p> <p>MU Zong-jie, China University of Petroleum-Beijing at Karamay, Associate Professor</p> <p>ZONG Guo-hong, Sinochem Petroleum Exploration & Production Co., Ltd., Professorial Senior Engineer</p>	
<p>Shale Oil Engineering Technology</p>	
08:00-08:20	<p>IFEDC202211326</p> <p>Study on the EOR Mechanism of Unconventional Reservoir with Small Well Spacing and Reasonable Well Spacing of Horizontal Well Multi-stage Fracturing in Unconventional Reservoir</p> <p>WU Zhong-bao, CNPC Research Institute of Petroleum Exploration and Development</p>
08:20-08:40	<p>IFEDC202210976</p> <p>Multi-stage Length Optimization with Integrated Hydraulic Fracture Propagation and Production Simulation Technology for Horizontal Wells in Shale Gas Resource</p> <p>XING Yang-yi, Gepetto Petroleum Technology Group Co., Ltd</p>
08:40-09:00	<p>IFEDC202210979</p> <p>Exploration on Integrated Fracturing Technology of Shale Oil Geology and</p>

	Engineering in Qaidam Basin XIE Gui-qi, Institute of Drilling and Production Technology, PetroChina Qinghai Oilfield ComPany
09:00-09:15	IFEDC Application of Pre-stack Simultaneous Inversion in Predicting the Geological Engineering Sweet Spot of Shale Oil in the Fengcheng Formation of the Mahu Depression YU Jiang-long, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
09:15-09:30	IFEDC202211000 Exploration and Application of Shale Oil Volume Fracturing Technology in Dagang Cangdong YANG Li-yong, Petrochina Dagang Oilfield Company
09:30-09:45	IFEDC202212333 Shale Oil Horizontal Well Multi-stage Fracture Technology Research and Practice LI Ao-xian, Sinochem Petroleum Exploration and Production Co.
09:45-10:00	IFEDC202211762 Exploration and Practice of Horizontal Well Volume Fracturing Technology of Shale Oil in the Ganchaigou Formation LEI Feng-yu, Drilling and production Technology Research Institute of Petrochina Qinghai Oilfield Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
Shale Oil Engineering Technology	
10:30-10:45	IFEDC202210837 Deep Shale Reservoir Fracturing Technology Optimization and Development Potential of Longmaxi Formation in Northwest Chongqing ZONG Guo-hong, Sinochem Petroleum Exploration&, Production Corporation
10:45-11:00	IFEDC Paleostress Direction and Fracture Prediction Model based on Ansys Finite Element Simulation-an Example of the Ma Bei Feng Cheng Formation ZHENG Guo-qing, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
11:00-11:15	IFEDC202212483 Fracture Modeling of Shale Oil and Gas Reservoirs in Texas Syed M Farouq Ali, University of Houston, Professor

11:15-11:30	IFEDC202211265 Factory Producing Shale Oil in Xinjiang oilfield through Rodless Artificial Lift CHEN Qiang, PetroChina Exploration and Development Research Institute
11:30-11:45	IFEDC202211175 Application Practice of Low-cost and Environmentally-friendly Water-based Drilling Fluid Technology in Continental Shale Gas Wells ZHANG Wen-zhe, Research Institute of Shannxi Yanchang Petroleum (Group) Co. Ltd
11:45-12:00	IFEDC Simulation Analysis of Hydraulic Fracture Extension in Shale Oil of the Ma Beifengcheng Formation YU Pei-rong, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
12:00-14:00	Buffet Lunch and Break
17 November, 2022 (PM)	
Host: TANG Yong, Research Institute of Exploration and Development, Xinjiang Oilfield Company, Petrochina, Professorial Senior Engineer XIANG Bao-li, Research Institute of Experiment and Delection, Xinjiang Oilfield Company, PetroChina, Senior Engineer	
Shale Oil Basis Geology	
14:00-14:15	IFEDC202212990 Exploration Breakthrough, Resource Potential and Significance of Paleogene Continental Shale Oil in Subei Basin YUN Lu, East China Oil and Gas Company of SINOPEC
14:15-14:30	IFEDC202212303 Evaluation of Shale Oil Quality in ES1 of Bonan Sag BAN Li, Shengli Oilfield Exploration and Development Research Institute
14:30-14:45	IFEDC202212992 Basic Characteristics and Formation Mechanism of Shale Oil in the Second Member of Funing Formation in Qintong Sag ZAN Ling, East China Oil and Gas Company of SINOPEC
14:45-15:00	IFEDC202211808 Deposition Rate of the Paleogene in Yingxiongling Depression, Qaidam Basin and its significance for oil and gas exploration PEI Zi-wei, Research Institute of Exploration & Development, Qinghai Oilfield Company, PetroChina

15:00-15:15	IFEDC Establishment of Permian Fengcheng Formation shale oil iron pillar and geological significance of petroleum exploration in Mahu Depression, Junggar Basin, Ma Page 1 well HUANG Li-xin, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
15:15-15:30	IFEDC202210861 Exploration Potential and Prediction Technology of Shale Oil in Middle-low Mature Area of “Slope Belt” of Faulted Basin WANG Hai, Rumin Oil & Gas Exploration & Development CO. , Ltd
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Shale Oil Experimental Technology	
16:00-16:20	IFEDC202211766 High-pressure Isothermal Adsorption Model for Supercritical Methane in Shale DONG Yin-tao, CNOOC Research Institute
16:20-16:40	IFEDC202212887 Experimental Investigation of Pyrolysis Characteristics of Shale Via Supercritical Water MENG Fan-yi, China University of Petroleum (East China)
16:40-17:00	IFEDC202212573 Stress Sensitivity Analysis of Shale Oil Reservoir in Jimsar Based on Digital Cores CHEN Shen-gen, Research Institute of Engineering Technology, Xinjiang Oilfield Company, PetroChina
17:00-17:15	IFEDC202213171 Hydrocarbon Phase Behavior in Shale Nanopores Hadi Nasrabadi, Texas A&M University, Associate Professor
17:15-17:30	IFEDC202211726 Composition Analysis and Pyrolysis Mechanism of Shale Oil Emulsified Layer in Changqing Oilfield LI Huan, Changqing Oilfield Exploration and Development Research Institute
17:30-17:45	IFEDC202212998 Experimental Investigation on the Characteristics of Microscopic Pore Structure and Spontaneous Imbibition of Chang 7 Continental Shale Oil Reservoir ZHU Jian-hong, College of Petroleum Engineering, Xi’an Shiyou University

17:45-18:00	<p>IFEDC202213187 Dielectric Response Interpretation of Shale Rocks with Low Cation Exchange Capacity Jose A Benavides Arancibia, University of Houston, PhD Candidate</p>
18:30-20:30	Dinner Buffet
18 November, 2022 (AM)	
<p>Host: XU Chang-fu, Research Institute of Exploration and Development, Xinjiang Oilfield Company, Petrochina, Professorial Senior Engineer MA Dong-chen, SINOPEC Northwest Oilfield Branch, Senior Expert</p>	
Shale Oil Development Technology	
08:00-08:15	<p>IFEDC Evaluation Methods, Parameter Criteria and Evaluation Examples of Different Types of Shale Oil Resources FAN Li-yong, Changqing Oil Field,CNPC</p>
08:15-08:30	<p>IFEDC202212379 Influence of CO₂ Pre-injection on Fracture Morphology and Development Effect of Jimusa'er Shale oil fracturing LI Ming, PetroChina Xinjiang Oilfield Company Research Institute of Experiment and Detection</p>
08:30-08:45	<p>IFEDC202212695 Integration Research of CO₂ Oil Displacement and Storage in Shale Reservoirs ZHANG Zhi-chao, Northeast Petroleum University</p>
08:45-09:00	<p>IFEDC202212496 Simulation Study of CO₂ Injection for Enhancing Hydrocarbon Recovery and Sequestration in Liquid-Rich Shales Bilal Khan, Pakistan Oilfields Limited, Petroleum Engineer</p>
09:00-09:15	<p>IFEDC202210926 Research on Production Evaluation Method for Shale Oil Wells LIU Wei, Postdoctoral Scientific Research Working Station, Sinopec Shengli Oilfield Company</p>

09:15-09:30	IFEDC202212159 Application of Big Data Analysis in the Prediction of Sweet Spot of the Shale Oil Reservoir TAN Fu-lin, SINOCHEN Petroleum Exploration & Production CO. LTD.
09:30-09:45	IFEDC Geological Characteristics and Exploration Practice of Shale Reservoir in Fengcheng Formation, Mahu Depression ZOU Yang, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
09:45-10:00	IFEDC202211735 Three-dimensional Physical Simulation Study of Different CO ₂ Huff and Puff Methods in Shale Reservoirs ZHAO Jia, China University of Petroleum (Eastern China)
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC Simulation Experiments of Conventional and Unconventional Oil and Gas Transport and Gathering Processes in the Fengcheng Formation of the Mahu Depression and Study of Oil and Gas Distribution Patterns WU Jun, Research Institute of Exploration and Development, Xinjiang Oil and Gas Company, PetroChina
10:45-11:00	IFEDC202213158 A Rapid Multi-objective Intelligent Decision Method For Shale Gas Fracturing Parameters based on Machine Learning A Case Study in the Changning Reservoir WANG Kong-jie, Changqing Downhole Technology Company, CNPC Chuanqing Drilling Engineering Co.;Ltd.
11:00-11:15	IFEDC202212753 Micropore Structure and Fractal Characteristics of Continental Shale Oil Reservoir in Gentle Slope Zone of Jiyang Depression PENG Yan-xia,SINOPEC (China Petrochemical Corporation)
11:15-11:30	IFEDC202213056 Application of Bridge and Firing Technology in Gulong Shale Oil Exploration and Development LI Lu, Testing Branch of PetroChina Daqing Oilfield Co.Ltd.

11:30-11:45	IFEDC202211170 Shale Oil Reservoir Characteristics and Influencing Factors of Cretaceous Qingshankou Formation in Sanzhao sag, Songliao Basin SHANG Fei, Research Institute of Petroleum Exporation and Development
11:45-12:00	IFEDC202212195 Original Water Saturation of Inorganic Matter in Real Shale Gas Reservoirs FU Jin-gang, China University of Petroleum (East China)
12:00-14:00	Buffet Lunch and Break

IFEDC

Session 11 Location : Conference Room 2-8, 2nd Floor

Efficient Development of Low Permeability/ Tight Oil & Gas Reservoir Session

Co-organized by: China University of Petroleum-Beijing at Karamay

Date: 16 November, 2022 (PM) - 18 November, 2022 (AM)

16 November, 2022 (PM)	
Efficient Development of Low Permeability/Tight Oil & Gas Reservoir Session	
Host: LIANG Yong-tu, China University of Petroleum-Beijing at Karamay, headmaster GUO Qing-an, East China Oil and Gas Company of SINOPEC, Chief Geologist	
Theory of Oil and Gas Reservoir Development	
14:00-14:20	IFEDC Shale Oil and Gas Seepage Characterization and Capacity Evaluation HUANG Shi-jun, College of Petroleum Engineering, China University of Petroleum - Beijing (CUPB)
14:20-14:40	IFEDC202211845 Evaluation of Displacement Effect of Deep Tight Sandstone Reservoirs in Faulted Basins WANG Qun-hui, Research Institute of Exploration and Development, Jidong Oilfield Company, PetroChina
14:40-15:00	IFEDC202212150 Horizontal Well Development Technology and Development Prospect of Tight Gas Reservoir in Ordos Basin LI Jin-bu, Research Institute of Exploration and Development, Exploration and Development Research Institute of PetroChina Changqing Oilfield Company
15:00-15:15	IFEDC202210953 Remaining Gas Distribution and Potential Tapping Countermeasures in Horizontal Well Development Zone of DND Tight Sandstone Gas Reservoir SUN Hua-chao, Research Institute of Exploration and Development, North China Oil and Gas Branch, SINOPEC

15:15-15:30	IFEDC202212979 Calculation and Application of Advancing Rate of Water Flooding Front in Low-permeability Tight Reservoirs GAO Tao, Research Institute of Shaanxi Yanchang Petroleum(Group)Corp Ltd
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Theory of Oil and Gas Reservoir Development	
16:00-16:15	IFEDC202212961 Pressure Evaluation Between Wells in Carbonate reservoir of M gas field TIAN Min, Research Institute of Petroleum Exploration and Development of Changqing Oilfield Company
16:15-16:30	IFEDC202211623 Study on Integrated and Efficient Development Technology of Geological Engineering for Multi Thin Layer Tight Sandstone Gas Reservoir WANG Ye, PetroChina Changqing Oilfield Company Research Institute of Exploration and Development
16:30-16:45	IFEDC202211363 Influence Factors Analysis and Prediction Method of Tight Oil Productivity based on Data Fusion Algorithm ZHAO Ming, Daqing Oil Production Engineering Research Institute
16:45-17:00	IFEDC202211819 Application and Practice of Geological Engineering Double Prediction Technology in Shanxi Tight Gas Reservoir WEI Zhi-peng, China Oilfield Services Ltd Production Optimization
17:00-17:15	IFEDC202212315 Research and Application of the Fusion of 3D Seismic Reservoir Prediction and Oil Reservoir Modeling Techniques in Tight Oil Development GUO Bin-hua, GRI, BGP
17:15-18:00	Communication Seminar
18:30-20:00	Excellent Paper Award Ceremony
17 November, 2022 (AM)	

Host: LI Jin-bu, Exploration and Development Research Institute of PetroChina Changqing Oilfield Company, Senior Engineer CUI Chuan-zhi, China University of Petroleum (East China), Professor	
Water Injection Development and Increased Recovery Rate	
08:00-08:20	IFEDC Gas Injection Technology for Tight and Low Permeability Reservoirs to Enhance Recovery WANG Rui, Research Institute of Petroleum Exploration & Production, SINOPEC
08:20-08:40	IFEDC202212190 Countermeasures to Improve the Recovery Rate of the Sand Dam of the T2 section of the Daniudi gas field JIANG Chao, Sinopec North China oil and gas company
08:40-09:00	IFEDC202212860 The Study on Limits and Effect of Near Miscible Flooding by Impure CO ₂ for Low Permeability Oilfield ZHANG Xian-song, CNOOC Research Institute Co. Ltd.
09:00-09:15	IFEDC202211385 Integrated Adjustment of Water Injection Development in Old Oil Fields with Low Permeability and Complex Fault Blocks in Peru LI Jian, Research Institute of Petroleum Exploration &
09:15-09:30	IFEDC202210911 Study on Water Injection Timing in Porous Low-Permeability Carbonate Reservoirs LU Tao, Research Institute of Geological Exploration and Development, Chuanqing Drilling Engineering Company Limited
09:30-09:45	IFEDC202212299 Research and Application of Improved Water Drive Technology for Volumetric Fracturing of Water Injection Wells in Ultra-Low Permeability Reservoirs ZHANG Zhao-zhao, Petroleum Engineering School, Southwest Petroleum University
09:45-10:00	IFEDC202211591 Policy Research on Subdivision Water Injection Technology in Low Permeability Reservoir based on Single Sand Body Characterization ZHU Jing-wei, No.8 Oil Production Plant of Daqing Oilfield Co.
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing

10:30-10:45	IFEDC Thermal Diffusion Effect on the Distribution of Oil and Gas ZHAO Ren-bao, China University of Petroleum-Beijing at Karamay
10:45-11:00	IFEDC202213141 Flume Experiment Study of the Formation Process and Sedimentary Characteristics of Shallow-water Delta CHEN Cheng, CNOOC research institute
11:00-11:10	IFEDC202211377 Development Strategy of Large Low Permeability and Water Bearing Carbonate Gas Reservoir: A Case Study in the M Gas Field XIE Shan, Research Institute of Exploration and Development
11:10-11:20	IFEDC202211167 Logging Curve Correction Method Research based on Seismic Inversion LI Xu, GRI. BGP
11:20-11:30	IFEDC202210910 Application of Seismic and NMR-based Geological Modeling Technique in Horizontal Well Steering of Niujuanhu Area ZHAO Liang, BGP Urumqi Research Center
11:30-12:00	Communication Seminar
12:00-14:00	Buffet Lunch and Break
17 November, 2022 (PM)	
Host:	
ZONG Jie, PetroChina Dagang Oilfield Company, Director, Oil and Gas Development Division	
LI Jun, China University of Petroleum-Beijing at Karamay, Vice President	
Reservoir Microscopy and Seepage Mechanisms	
14:00-14:20	IFEDC Microscopic Residual Oil Distribution Patterns in Water-driven Reservoirs with Exceptionally High Water Content LI Jun-jian, China University of Petroleum(Beijing)
14:20-14:40	IFEDC202212983 Study on Micro Interface Behavior and Mechanical Action of Imbibition in Low Permeability Reservoir ZHANG Xing, Petroleum Engineering Technology Research Institute of Shengli Oilfield Branch of Sinopec

14:40-15:00	IFEDC202211096 Application of Digital Rock Technology in Carbonate Tight Gas Development QI Chun-yan, CNPC Engineering Technology R&D Company Limited
15:00-15:10	IFEDC202211029 Study on Characteristics and Imbibition Law of Zhongchang 63 Reservoir in Ordos Lake Basin ZHANG Xiao-hui, Exploration and Development Research Institute of PetroChina Changqing Oilfield Company
15:10-15:20	IFEDC202212593 Study on Seepage Law of Low Permeability Reservoir by Mercury Injection Curve CHEN Wen-ruo, The second oil production plant of Daqing Oilfield Co.
15:20-15:30	IFEDC202212619 Internal Relationship between Imbibition Effect and Permeability ZHANG Lei-lei, Key Laboratory of Enhanced Oil and Gas Recovery Ministry of Education, Northeast Petroleum University
15:30-15:40	IFEDC202211632 Experimental Study on Development of Typical Tight Oil Area based on On-line Nuclear Magnetic Technology CHEN Ting, Petroleum Engineering Technology Research Institute of Shengli Oilfield Branch of Sinopec
15:30-16:00	Tea/Coffee Break and E-poster Seminars for Sharing
Gas Extraction Process, Wellbore Integrity and Downhole Tools	
16:00-16:20	IFEDC Research Progress on Failure Mechanism and Control Method of Unconventional Oil and Gas Wellbore Integrity in China LI Jun, China University of Petroleum-Beijing at Karamay
16:20-16:40	IFEDC202212638 Research and Application of Intelligent Cluster Foam-filling Technology for Shale Gas Deliquification LI Nan, Research Institute of Petroleum Exploration & Development
16:40-17:00	IFEDC202212095 Research of Retrievable Mechanical Plugging Bridge Plug Technology in Gas Well Rescue LIAO Zuo-jie, Changqing Downhole Technology Company, CNPC Changqing Drilling Engineering Company Limited
17:00-18:00	Communication Seminar
18:30-20:30	Dinner Buffet

18 November, 2022 (AM)

Host:

**ZHANG Xing, Petroleum Engineering Technology Institute of SINOPEC Shengli Oilfield,
Chief Expert**

LE Ping, School of Petroleum Engineering, Southwest Petroleum University, Professor

Fracturing for Increased Production and Reservoir Reformation

08:00-08:15	IFEDC Exploring the Feasibility of a Three-dimensional Fracturing Method for Radial Wells in Shale Oil TIAN Shou-ceng, China University of Petroleum-Beijing at Karamay
08:15-08:30	IFEDC202212976 Study on the Self-tackifying Emulsion-based Diverting Acidizing Technology in Heterogeneous Reservoir LI Xia-qing, Petroleum Engineering Technology Research Institute, Sinopec Shengli Oilfield Company
08:30-08:45	IFEDC202212675 Adaptability Evaluation of Multi-segment Volume Fracturing in Vertical Wells of the Second Tight Reservoir of Nantun Formation in Beier oilfield LI Jian-min, Hulunbeier Subsidiary of Daqing Oilfield Co.,Ltd,
08:45-09:00	IFEDC202212572 Research and Application of CST Experimental Technology in Xinjiang Oilfield Fracturing Fluid System LI Ya, Research Institute of Experiment and Detection, Xinjiang Oilfield Company of CNPC
09:00-09:15	IFEDC202211602 CO ₂ Pre-Energy Increasing Fracturing Technology in South Well Area of Block 5 in Karamay Oilfield Application of Wuerhe Formation Reservoir Development XIAO-Lei, Downhole Service Company,CNPC XiBu Drilling Engineering Company Limited
09:15-09:30	IFEDC202211334 Study on the Boundary of Braised Well and Optimization of Drainage and Production System after Large-scale Fracturing of Compact oil in the Periphery of Daqing MENG Bao-feng, PetroChina Daqing Oilfield No.8 Oil Production Plant

09:30-09:45	IFEDC202212209 Research on Fracturing Optimization Design Technology based on Microseismic Monitoring Results: A Case Study of North Xingshugang Oilfield BAI Zhi-qiang, NO.4 Oil Production Plant of Daqing Oilfield Co. Ltd
09:45-10:00	IFEDC202212700 Identification and Prevention Countermeasures of Fracturing Channeling in Oil Horizontal Wells TAO Chang-zhou, CCDC ChangQing Downhole Technology Company
10:00-10:30	Tea/Coffee Break and E-poster Seminars for Sharing
10:30-10:45	IFEDC Shale Oil and Gas Fracturing Mechanism and New Understanding MA Xin-fang, China University of Petroleum(Beijing)
10:45-11:00	IFEDC202212846 Simulation of Shear Fracture Volume in Staged Fracturing of Horizontal Tight Sandstone Well WANG Heng, Northwest University
11:00-11:10	IFEDC202212601 Evaluation and Research on Flowback and Flowback Fluid Performance after Tight Pressure in Southwest China HU Jin-yu, PetroChina Southwest Oil and Gas Field Engineering Technology Research Institute
11:10-11:20	IFEDC202211713 The Experiment Research about Proppant Settlement and Migration in the Rough Fracture WEI Dong-ya, Beijing Petroleum Machinery Co., Ltd
11:20-11:30	IFEDC202211337 Study on Dynamic Variation of Reservoir Parameters in Fracturing-flooding ZHANG Yi-fei, Exploration and Development Research Institute
11:30-12:00	Communication Seminar
12:00-14:00	Buffet Lunch and Break

Session 12 Location : 3-12 Shangluo Hall, 3rd floor

High-end Seminars

Co-organized by: College of Petroleum Engineering, Xi'an Shiyou University

Date: 17 November, 2022 (PM)

17 November, 2022 (PM)	
High-end Seminars	
14:00-16:00	<p>Key Technologies for Geological Evaluation of Shale Gas</p> <p>Host: ZHANG Jin-chuan, School of Energy, China University of Geosciences (Beijing), Professor, PhD, Chief Scientist, Resource Evaluation of Shale Gas, Ministry of Land and Resources, focusing on the study of reservoir formation mechanism and distribution law of oil and gas, He is mainly engaged in unconventional geological energy and resource evaluation textbooks such as shale gas, tight sandstone gas (deep basin gas), coalbed methane and geothermal. He was the executive chairman of the 376th Shale Gas Xiangshan Scientific Conference, the chief of the national shale gas resource evaluation and favorable area selection technology, and presided over the development of national major scientific research instruments and other projects. He edited a series of books on shale gas industry funded by the National Publication Fund and published 17 monographs. He has published more than 200 papers, among which 10 papers have been selected as "China Top Academic Paper Leaders F5000", 20 domestic and foreign invention patents, and 10 science and technology awards. He has been following and studying the international shale gas development for a long time, systematically analyzing the issues related to shale gas in China, and was one of the first explorers who started to introduce and systematically study shale gas in China.</p>
16:00-16:30	<p>Tea/Coffee Break and E-poster Seminars for Sharing</p>
16:30-18:30	<p>New Technology for Resource Utilization of Abandoned Wells and Oil Cogeneration</p> <p>Host: LI Ke-wen, Professor, internationally renowned experts in the fields of oil and gas, geothermal energy development and thermal voltaic power generation in</p>

the energy sector. He has been a senior researcher in the Department of Energy Resources Engineering at Stanford University, a professor at Peking University, a Chu Tian Scholar Distinguished Professor at Changjiang University, and the director of the Experimental Center for Oil Layer Physics at the Institute of Petroleum Exploration and Development of China National Petroleum Corporation. Currently, he is a professor at China University of Geosciences (Beijing). He has been appointed as an expert of China's National Science and Technology Progress Award, a member of the U.S. Department of Energy's Geothermal Program Review Committee, and a consultant of the Science Discovery Award as well as some provinces, cities and relevant ministries. He has served as an associate editor of SPE REE (an international authoritative journal in the field of petroleum engineering) and is currently a member of the Education Committee of the International Geothermal Association. He has published more than 80 SCI papers and 3 monographs, and holds more than 10 invention patents. He has won the best paper award at the GRC (Geothermal Resources Council) annual geothermal conference several times. He is the international academic founder of gas wetting inversion technology to improve recovery, and established a new method of production prediction based on fluid flow law, and the relevant formula is named after Prof. Li Kewen. Over the years, he has presided over a number of major scientific research projects at home and abroad in the field of gas and other clean energy, and has achieved a number of breakthrough and important results, with a number of key technologies with independent intellectual property rights.

E-poster Seminars for Sharing

Location : Conference room front porch

16 November, 2022 (AM)		
09:00-09:30	E-poster Seminars for Sharing (No.1 Screen)	IFEDC202211157 Discussion of Well-logging Faces Modules of Volcanic Reservoir in Xu Shen Gas-field YAO Zhen-zhen, Gas-field Production Company of Daqing Oilfield Co.
		IFEDC202210838 Imaging while Drilling Measurement Technology based on Microwave Information Transmission LV Hai-chuan, CNPC Engineering Technology R&
		IFEDC202212457 Development and Application of MFT-40 Arm Caliper Imaging Logging Tool DAI Yuan-lai, Daqing Oil Field co.
	Geophysics Well Logging	IFEDC202212133 Development and Application of Tool for Through Bit Storage Logging Technology ZHANG Yong, Materials and Equipment Company of CNPC Logging Co., Ltd.
		IFEDC202210941 An Extended Elastic Impedance Method and its Application to Detect Carbonate Reservoir ZHANG Yong-gang, Petrochina Hangzhou Research Institute of Geology
	E-poster Seminars for Sharing (No.2 Screen)	IFEDC202211063 The Boundary Detection Technology Research and Application in the Whole Drilling Process YANG Zhen, Geological Mwd&
		IFEDC202212589 Wireless Communication System for Drilling based on OFDM Using Acoustic Wave ZHENG Zhong, College of Control Science and Engineering, China University of Petroleum(East China)
	Reservoir Exploration	IFEDC202211351 Application of Seismic Sedimentology in Coastal Sedimentation Research: Taking Wushi W Oilfield as an Example

	<p>YI Shuo, CNOOC Research Institute Co., Ltd</p>
	<p>IFEDC202211204 Application of 2D and 3D Fusion Processing Technology in Grid Line Processing of Junggar Basin ZHANG Xin, Xinjiang Oilfield Company CNPC</p>
	<p>IFEDC202210980 Research and Identification Technology of Strike-slip Faults in Ordovician Carbonate Rocks in Tarim Basin FANG Bing, Tarim Oilfield Company, PetroChina</p>
	<p>IFEDC202212326 Construction and Application of Indicator Factors for Low-porosity Carbonate Reservoir using Pre-stack Data GU Ming-feng, Petrochina Hangzhou Research Institute of Geology</p>
	<p>IFEDC202212158 Prediction of Beach of the Second Member of Dengying Formation in PT1 Well Area, Central Sichuan Basin DONG Tong-wu, Southwest branch of Geophysical Research Institute</p>
	<p>IFEDC202211556 Basic Characteristics, Formation Conditions and Depositional Models of Shallow Water Deltas--A case study of neogene in Bohai Sea LI Jian-ping, Research Institute of China Offshore Oil Corporation, Beijing</p>
	<p>IFEDC202211014 Biogenic Geochemical Exploration Investigation and Favorable Area Optimization in Tongxu area LAN Jun, Exploration and Development Research Institute of Sinopec North China oil and gas company</p>
	<p>IFEDC202212742 The Application of Reliability Analysis Technology for Improved Resolution of Seismic Data in M Formation of S Block in Canada QU Liang-chao, Research Institute of Petroleum Exploration &</p>
	<p>IFEDC202212219 Research and Exploration Direction of Subsalt Tectonics in the Eastern Section of the Kucha Depression Kelasu Tectonic Zone</p>

		GONG Xin, KorlaInstitute of BGP, CNPC
<p>E-poster Seminars for Sharing (No.3 Screen)</p> <p>Petroliferous Basins Evaluation and Oil & Gas Accumulation</p>		<p>IFEDC202211899</p> <p>Productivity Evaluation of Gas Wells In Sandstone Reservoirs of Benxi Formation in Southeast Ordos Basin</p> <p>DU Ya-feng, First Oil Production Plant of Petrochina Changqing Oilfield Company</p>
		<p>IFEDC202212571</p> <p>The Study on Formation Rule of Sa-0 Reservoir-Taking Xingbei Area of Daqing Oilfield As An Example</p> <p>SHANG Xiao-yu, No.4 Oil Production Plant In Daqing Oilfield Co Ltd</p>
		<p>IFEDC202211638</p> <p>Sedimentary Characteristics and Genetic Model of the Lower Jurassic in Tupan Depression</p> <p>YU Hai-yue, Research Institute of Petroleum Exploration and Development</p>
		<p>IFEDC202212577</p> <p>Analysis on the Main Controlling Factors of Gas Accumulation in S Area of Zaysan Basin</p> <p>WANG Li-hong, Research Institute of Exploration and Development, Research Institute of Exploration and Development, Petrochina Xinjiang Oilfield Company</p>
		<p>IFEDC202212973</p> <p>Application of Balanced Section Technology in the Lower Salt Layer of Kelasu Structural Belt</p> <p>ZHOU Chen-guang, Korla Branch of Bureau of Geophysical Prospecting Co.</p>
		<p>IFEDC202213191</p> <p>Study on Gas Accumulation Assemblage and Main Controlling Factors of Upper Paleozoic in WB Area</p> <p>WANG Yu-xia, Northwest University</p>
		<p>IFEDC202211237</p> <p>The Application of Field Size Sequence Method in the Resources Assessment of Doseo Basin, CHAD</p> <p>HU Ying, Research Institute of Petroleum Exploration & Amp</p>

<p>E-poster Seminars for Sharing (No.4 Screen) Oil Reservoir Description</p>	<p>IFEDC202211120 Variation Characteristics in BS Area Reservoir of ML Oilfield LI Shu-man, Exploration & Development Research Institute of Changqing Oilfield Company</p>
	<p>IFEDC202212823 Tight Sandstone Gas Reservoir Characteristics and Main Controlling Factors of Productivity in Zhongba T3x2 Member WANG Jun-jie, Exploration and Development Research Institute, Petrochina Southwest Oil & Gasfield Company</p>
	<p>IFEDC202213121 Application of Fracture Density Prediction Method based on Multi-Layer Feedforward Neural Network in Shale Oil of Fengcheng Formation, Mabei, Junggar Basin CHEN Gang, Exploration and Development Research Institute of Petrochina Xinjiang Oilfield Company</p>
	<p>IFEDC202212169 Characteristics of Effective Reservoir Space and Genetic Analysis of Mishrif Carbonate Reservoir in a Oilfield in Central Iraq ZHANG Wen-qi, Research Institute of Petroleum Exploration & Amp</p>
	<p>IFEDC202212103 Study on Remaining Oil Distribution Controlled by Meandering River Reservoir Architecture and Injection-production Pattern MA Wen-hua, Explloration and Development Research Institute of PetroChina Dagang Oilfirdl Company</p>
	<p>IFEDC202211919 Sedimentary Characteristic Analysis and Remaining Oil Potential Tapping of the Complex Meander Belt in the Unit B of the Z Oilfield Block A XIA Lian-jing, Geological Research Institute of the Fourth Oil Production Plant of Daqing Oilfield</p>
	<p>IFEDC202211319 Study on Flow Unit Division Method based on Random Simulation LIU Qian, Research Institute of Exploration and Development Exploration and Development Research Institute of PetroChina Changqing Oilfield Company</p>

	<p>E-poster Seminars for Sharing (No.5 Screen)</p>	<p>IFEDC202210903 CFD Study on the Influence of Well Deviation Angle on Gas-liquid Two-phase Flow in Gas Wells QIU Xiao-xue, Southwest oil and gas field shale gas Research Institute</p>
		<p>IFEDC202212225 Prediction Method of Water Breakthrough Time of Gas Wells in Bottom Water Gas Reservoir Considering the Influence of Water Gravity ZHANG Wen-biao, CCDC Geological Exploartion & Development Research Institute</p>
		<p>IFEDC202211534 Application of Numerical Well Test in Complex Fault-Block Reservoir CHEN Jing, Research Institute of Petroleum Exploration & Amp</p>
		<p>IFEDC202211570 Feasibility Study of Polymer Flooding in Seawater Flooding Reservoir with High H₂S Content LI Bao-Zhen, CNOOC Research Institute Ltd.</p>
		<p>IFEDC202211951 Study on Vector Infilling Well Mode for Horizontal Well Development in Edge Water Reservoir PANG Meng-ming, China University of Petroleum (East China)</p>
		<p>IFEDC202211621 Study on Reason and Removing of Water Locking in Gas Reservoir based on Microfluidic Technology LI Ya-fei, Sinopec Research Institute of Petroleum Engineering</p>
		<p>IFEDC202213220 A Theoretical Formula of Production Per Well with Five-point Area Pattern Considering Reservoir Anisotropy based on Streamline Method WANG Fang, Research Institute of Petroleum Exploration & amp</p>
	<p>E-poster Seminars for Sharing (No.6 Screen)</p>	<p>IFEDC202211944 Advantages of Integrated Technology in Horizontal Well Drilling DONG You-huan, Jingwei Co.</p>
	<p>Drilling &</p>	<p>IFEDC202210846 Development and Application of Personalized PDC Bit in the Nanyuan Ultra Deep Formation of Junggar basin JI Guo-dong, CNPC Engineering Technology R&D Company Limited</p>

	Completion	<p>IFEDC202212486 Integration and Application of Wellbore Quality Assurance Technology for Shalestone in Agadem Oilfield, Niger WANG Gang, CNPC Engineering Technology R&D Company Limited</p>
		<p>IFEDC202210995 Key Technology of Drilling Speed Increase and Deviation Control in Inclined Formation of Bongor Basin in Chad ZHONG Zhao, CNPC Engineering Technology R&D Company Limited</p>
		<p>IFEDC202210877 Integrated research on Well Structure Technology of High Risk Pre-salt Deep Wells in Amu Darya River GU Yi-xin, CNPC Engineering Technology R&D Company Limited</p>
		<p>IFEDC202211290 Collaborative Optimization of Drilling Parameters System Development ZHAO Yi-peng, China Petroleum Engineering Technology Research Institute Co., Ltd</p>
		<p>IFEDC202211193 Drilling Design Optimization and Construction of High Pressure and High Gas Content Well Tangdong 9X2 YANG Yan-yun, PetroChina Dagang Oilfield, Tianjin, China</p>
	E-poster Seminars for Sharing (No.7 Screen)	<p>IFEDC202213004 Reservoir Stimulation Technology of Ultra-high Temperature Deep Carbonate Reservoir and its Field Application GAO Yue-bin, Petroleum Exploration and Development Research Institute</p>
		<p>IFEDC202212239 Research and Application of Gas Lift Technology in Unconventional Gas Reservoir Development LEI Yu, Petrochina TUHA Oilfield Company</p>
		<p>IFEDC202212508 Development and Field Application of Automatic Open-close Steel Wire Cable Fisher for Water Injection Well Test LIU Gang, No.6 Oil Production Company of PetroChina Daqing Oilfield Co. Ltd</p>
	Oil & Gas Production	<p>IFEDC202212098 Investigation on the Mechanisms and Effects of WaterControl by Blind Pipe in Multi-layer Combined Production Wells SHI Ming-hua, China University of Petroleum (East China)</p>

		<p>IFEDC202211816 Research on Evolution Mechanism of Two-phase Cavity Flow Pattern of Oil-gas in Wellbore DING Xin-lu, Oil Testing Company of CNPC West Drilling Engineering Co.Ltd.</p>
	<p>E-poster Seminars for Sharing (No.8 Screen)</p> <p>Enhanced Oil Recovery</p>	<p>IFEDC202211210 Research Progress of Magnesium and its Alloy in Petroleum Field ZHANG Shao-lin, Research Institute of Petroleum Exploration & Development, PetroChina</p>
		<p>IFEDC202212687 Research and Application of 'Two-three Combination' Well Pattern to enhance Oil Recovery in Complex Fault Block BI Yong-bin, PetroChina Jidong Oilfield Company</p>
		<p>IFEDC202212076 Study on the Influence of Naphthenic Acid Content on the Properties of Heavy Oil and Its emulsion ZHANG Sheng-fei, Research Institute of Petroleum Exploration and Development, PetroChina</p>
		<p>IFEDC202211355 Experimental Study on Reservoir Sensitivity in CFD Oilfield TAN Jie, Tianjin Branch of CNOOC Ltd.</p>
		<p>IFEDC202212639 Research and Application of Stepped-Hydraulic Stimulation and Fracturing technology in Fengcheng low permeability reservoir HUANG De-an, Fengcheng Oilfield Operation District of PetroChina Xinjiang Oilfield Company</p>
		<p>IFEDC202212476 Research on the Development and Adjustment Technology of Weak Base ASP flooding in the Second and Thirdclass Oil Reservoirs in the eastern Transition Zone Q of Sanan Development FENG Yao-guo, Daqing Oilfield No. 2 Oil Production Plant Geology Research Institute</p>
		<p>IFEDC202210971 Polymer Flooding Enhanced Oil Recovery Technology in Sand Production Reservoir YIN Yan-fang, PetroChina Liaohe Oilfield Company</p>

		<p>IFEDC202212032 Study on Synergistic Mechanism of low-cost polymer surface binary system WANG Huan, Tianjin Dagang Oilfield bingang Petroleum Technology Group Co., Ltd.</p>
		<p>IFEDC202212171 Application of Nitrogen Foam in Deep High-salt Heavy oil Reservoir WANG Peng, PetroChina Tuha Oilfield Company Institute of Engineering Technology</p>
		<p>IFEDC202212632 Experimental study on Influence Factors and Mechanism of Mmulsion Stability HE Mei-ming, Southwest Petroleum University</p>
<p>16 November, 2022 (PM)</p>		
15:00-15:30	<p>E-poster Seminars for Sharing (No.1 Screen)</p>	<p>IFEDC202211410 Application of Saturation Logging Data in Remaining Oil Evaluation and Potential Exploitation of an Overseas Reservoir MAO Hai-tao, China National Logging Corporation</p>
		<p>IFEDC202211150 Prediction method of Water Cut in Changyuan Transition Zone Oil-water Layers based on Correction of Influencing Factors MA Hong-yu, Exploration and Development Research Institute of Daqing Oilfield Co Ltd, Daqing</p>
	<p>Geophysics Well Logging</p>	<p>IFEDC202212121 Research on Fluid Identification Method of Low Resistivity Reservoir in Fushan Oilfield WEI Bo, Research Institute of Geology</p>
		<p>IFEDC202210954 Low Resistivity Logging Interpretation Method of Bakken Formation in Canada GUO Song-wei, Research institute of petroleum exploration and development</p>
		<p>IFEDC202212570 Fluid Identification and Influencing Factors of Volcanic Reservoir——Take Xiquan 103 Well Block as an example LIU Yan-hong, Zhudong Oil Production Plant of PetroChina Xinjiang Oilfield Company</p>

		<p>IFEDC202212829 A new method for Calculating the Cementation Exponent of Fractured Unconventional Reservoirs WANG Da-hai, Research Institute of Exploration and Development</p>
		<p>IFEDC202213011 Research on Parameters of Electromagnetic logging While Drilling tool for Inversion CHENG Li-na, China National Logging Corporation</p>
		<p>IFEDC202212807 Analysis of Transient Pulse Conducted Interference of Acoustoelectric Logging Detector CHEN Hong-zhi, China University of Petroleum(Beijing)</p>
		<p>IFEDC202211576 Development and Application of Directional Perforation Technology YANG Kun, Oil Testing and Production Branch of Daqing Oilfield Co.</p>
	<p>E-poster Seminars for Sharing (No.2 Screen)</p> <p>Reservoir Exploration</p>	<p>IFEDC202212067 Study on Seismic Prediction Technology of Lithologic Gas Reservoir of Leikoupo Formation in Northwest Sichuan ZHANG Hao, Petrochina Hangzhou Research Institute of Geology</p>
		<p>IFEDC202212663 Comparison of Single Point and Combined Received Data in Xiongling Complex Mountainous Area HAN Chun-ru, Qinghai geophysical exploration division of Dongfang geophysical exploration Co.</p>
		<p>IFEDC202211859 Support and Practice of Logging Technology for Major Discovery in Strongly Heterogeneous Low Saturation Reservoirs XU Qian-ru, Xinjiang branch of PetroChina logging Co., Ltd.</p>
		<p>IFEDC202210966 Application of Seismic Waveform Indication Simulation Inversion in Reservoir Prediction of Fuyu Oil-bearing Formation in Block B of Songliao Basin LI Zeng-hui, Beijing Xideyuan Technology Co.</p>
		<p>IFEDC202212220 Forming Mechanism of Faults and their Controlling Action on the Traps in Kelasu Area WANG Yun-chao, Korla Institute of BGP</p>

	<p>IFEDC202212974 Seismic Interpretation Method for Improving Trap Identification and Description Accuracy in Complex Fault Blocks YANG Yan, Exploration and Development Research Institute of Jiangsu Oilfield</p>
	<p>IFEDC202212955 Study of Broadband Processing Technology for Wide Azimuth Seismic Data from Deep Water Towing Cable GUAN Xi-zhu, Cnooc Research Institute Co. LTD</p>
	<p>IFEDC202212942 Seismic Prediction Technology and Application of Sedimentary Rocks in Volcanic Basins HAN Yun, Daqing Institute of Geophysical Prospecting, Research Institute of Oriental Company</p>
	<p>IFEDC202211403 Application of Seismic Forward Modeling Technique in Seismic Observation System Design LIAN Xi-meng, Shengli Geophysical Research Institute of SINOPEC</p>
	<p>IFEDC202211541 Research and Application of 3D Seismic Acquisition Technology for Deep Glutenite in the Eastern Junggar Basin GU Wen-pei, BGP of CNPC, Tuha Department</p>
	<p>IFEDC202211176 Research on Aliasing Noise Suppression of Vibroseis High Density Acquisition based on Multi Domain Joint ZHAO Chi, Research Institute of Exploration and Development, Sinopee Northwest Oilfield Company</p>
<p>E-poster Seminars for Sharing (No.3 Screen)</p> <p>Petroliferous Basins Evaluation and Oil & Gas Accumulation</p>	<p>IFEDC202210955 Distribution of Pre-salt Carbon Dioxide and Controlling Factors of Structural Styles in Offshore Brazil YANG Xiao-fa, Research Institute of Petroleum Exploration &</p>
	<p>IFEDC202211407 The Paleozoic Sedimentary System Restoration and Lithofacies Paleogeography Analysis of Jiyang Depression MA Shuai, Research Institute of Petroleum Exploration and Development, Sinopec Shengli Oilfield Company</p>
	<p>IFEDC202211330 Relationship between Pressure Gradient Characteristics and Hydrocarbon Accumulation in Overpressure Basin QIU Yi-bo, Exploration and Development Research Institute of Shengli</p>

	Oilfield
	<p>IFEDC202213098 Formation Mechanism and Control Storage Mode of Multistage Slope Break of Middle Permian in Sichuan Basin, China YAO Qian-ying, China University of Petroleum</p>
	<p>IFEDC202212922 Sedimentary Evolution and Hydrocarbon Accumulation of the near-shore Subaqueous Fan in the Eastern Maichen Sag, Beibu Gulf Basin CHEN Wei, Exploration and Development Research Institute of Jiangsu Oilfield Company, SINOPEC</p>
	<p>IFEDC202212309 Hydrocarbon Accumulation Characteristics of the Upper Paleozoic In Jiyang Depression ZHOU Lei, Exploration and Development Research Institute of Sinopec Shengli Oilfield Company</p>
	<p>IFEDC202211784 Tectonic Characteristics and its Control on Hydrocarbon Accumulation of the East Slope Area in the Chengdao Oilfield XIN Yan-fang, Research Institute of Petroleum Exploration and Development, Shengli Oil Field, SINOPEC</p>
	<p>IFEDC202212730 Characteristics of Fracture Development and Tectonic Genesis in the Keshen Area of the Kelasu Tectonic Belt GAO Neng-xue, Korla Institute of BGP, CNPC</p>
<p>E-poster Seminars for Sharing (No.4 Screen)</p> <p>Oil Reservoir Description</p>	<p>IFEDC202212203 Sedimentary Characteristics and Reservoir Comprehensive Evaluation of Block X in Peru MENG Zheng, PetroChina Research Institute of Petroleum Exploration & amp</p>
	<p>IFEDC202211314 Prediction of Fractures in Tight Gas Reservoirs based on Likelihood Attribute —A Case Study of Depression of Deshen 80 District, Dehui Depression, Songliao Basin ZHAO Dan, Geophysical Exploration Research Institute of Ji Lin Oil Field</p>

	<p>IFEDC202212431 Application of Reservoir Fine-Drawing Technology in Eor of Heavy Oil Thermal Recovery LU Ying-Bo, Petrochina Xinjiang Oilfield Branch</p> <p>IFEDC202212207 Characteristics and Main Controlling Factors of Giant Thick Lacustrine Carbonate Reservoirs of M Block XU Fang, Research Institute of Petroleum Exploration & Amp</p> <p>IFEDC202211267 Research on Fine Characterization Technology of Eruptive Facies Volcanic Rock Reservoirs HUANG Jin-fu, Petrochina Dagang Oilfield Company</p> <p>IFEDC202212305 A Method for Determining the Lower Limit of Physical Properties of Gas Reservoir by Using Gas Column Height and Pore Throat Size LUO Rui-lan, Research Institute of Petroleum Exploration & Amp</p> <p>IFEDC202211738 Multi-Scale Recognition Technology of Carboniferous Volcanic Reservoirs in Zhongguai Bulge Jinlong 10 Wellblock HENG Li-ting, CNPC XDEC Geological Research Institute</p> <p>IFEDC202211279 Distribution Characteristics and Multi-Dimensional Characterization Method of Remaining Oil in Low Permeability Oilfield Classified Reservoirs SUN Shu-yan, Manager Department Of Remaining Oil Tapping Technology Service Project of Daqing Oilfield Drilling Engineering Company, Daqing</p>
<p>E-poster Seminars for Sharing (No.5 Screen)</p> <p>Drilling & Completion</p>	<p>IFEDC202211778 Design and Optimization of Horizontal Well Structure in Sub-Salt Reservoir in Tarim Basin LIU Hong-tao, Yangtze University</p>
	<p>IFEDC202211925 Method of Suspender Line Horizontal Well Trajectory Design and its Application Conditions YU Fan, School of Petroleum Engineering, China University of Petroleum (East China)</p>

	<p>IFEDC202211309 Study on Adaptability Evaluation of Liquid Carbon Dioxide Sand Fracturing ZHENG Wei-shi, Drilling and Production Engineering and Technology Research Institute of Chuanqing Drilling and Exploration Corporation, PetroChina</p>
	<p>IFEDC202211668 Research and Application of Sand Control Completion Technology for Beneficial Wells of Polymer Injection in Bohai Bay G Oilfield ZHU Ying-bin, PetroChina Dagang Oilfield Petroleum Engineering Research Institute</p>
	<p>IFEDC202213102 Prediction Method of Relative Sand Production Profile of Reservoir Life Cycle Performance in Horizontal Wells LIU Shan-shan, Sinopec Petroleum Exploration and Production Research Institute</p>
	<p>IFEDC202213178 Development of Cup Packer for Leak Detection and Pressure Test YAN Jian, Chuanqing Drilling Company Changqing Downhole Technology Company,</p>
	<p>IFEDC202212734 Study on Cementing Slurry System of Longdong Shale Oil Horizontal Well MEI Ming-jia, Changqing Cementing Company, Chuanqing Drilling Company</p>
	<p>IFEDC202213198 One-trip Drilling Technology of the Second-Spud Section in Jinqiu Gas Field YU Wen-shuai, Engineering Technology Research Insititute of Petrochina South-West Gas Field Company</p>
	<p>IFEDC202211986 Analysis of the Influence of High Temperature Steam Injection on the Sand Retaining Performance of the Screen LIU Ya-bin, China Oilfield Services Limited</p>
<p>E-poster Seminars for Sharing (No.6 Screen)</p>	<p>IFEDC202211716 Optimization Design of One Anti-Gas Rod Pump in CO₂ Driving for Pumping Units WANG Yang, Key Laboratory of improving oil and gas recovery, Ministry of education, Northeast Petroleum University, Daqing Oilfield Production Engineering Research Institute</p>

	Oil & Gas Production	<p>IFEDC202210989 Study on Main Technical Measures for Improving Pump Efficiency of Mechanical Production Wells in Maxian Block HOU Qi, Second Gas Production Plant of Qinghai Oilfield Company</p>
		<p>IFEDC202212404 Effect Analysis of Downhole Oil-water Separation and Injection Production Technology in the Same Well ZHANG Huai-yu, Daqing Oilfield Production Technology Institute</p>
		<p>IFEDC202212387 Research on Separate Injection String and Supporting Tools for Highly Deviated Wells in Jidong Oilfield XIAO Guo-hua, Jidong Oilfield Drilling and Production Technology Research Institute of CNPC</p>
		<p>IFEDC202211098 The Influence of Joule Thomson Inversion Effects on Downhole Temperature for Gas Reservoir PENG Geng, Engineering Technology Research Institute of Petrochina South-West Gas Field Company</p>
		<p>IFEDC202211609 Research and Application of High Efficiency Dehydration Technology for High Viscosity Foaming Crude Oil LIANG Xiao-liang, Oil Production Technology Institute, Petrochina Dagang Oilfield</p>
		<p>IFEDC202212397 Temporary Plugging Stage Fracturing Method in Horizontal Well With Screen Completion ZHANG Yu-peng, Research Institute of Engineering Technology, Xinjiang Oilfield Branch, PetroChina</p>
	E-poster Seminars for Sharing (No.7 Screen)	<p>IFEDC202211325 Study on Profile Control Potential Evaluation and Optimization Design Technology of Block M in Gudong Oilfield XU Hua-lei, University</p>
	Enhanced Oil Recovery	<p>IFEDC202211320 Effects of Asphaltenes and Resins on Formation and Stability of Secondary Foamy Oil LI Xing-min, Research Institute of Petroleum Exploration &</p>

	<p>IFEDC202211049 Research and Field Test of Nitrogen-Assisted Gravity Drainage in Deep-Seated and Low Permeability Reservoir ZHANG Yang, PetroChina Dagang Oilfield Company</p>
	<p>IFEDC202211828 Optimizing Horizontal Well Deployment to Improve the Recovery Efficiency of Heavy Oil Reservoir ——Taking Liuguanzhuang Oilfield as an Example LIU Yong-sheng, PetroChina Dagang Oilfield Company</p>
	<p>IFEDC202211776 Pilot test of Chemical Flooding for EOR in High Porosity and Low Permeability Carbonate Reservoir—USH Reservoir in D field, Oman LI Jia-xin, Overseas Natural Gas Technology Center of CNPC</p>
	<p>IFEDC202212623 Research and Application of SAGD Control Technology in Continental Shallow Strongly Heterogeneous Super-Heavy Oil Reservoirs Facies YU Bing, Petrochina Xinjiang Oilfield Company</p>
	<p>IFEDC202213054 Research on Enhancing the Development Effect of Complex Faulted Blocks by Using Intelligent Zonal Water Injection and AICD Technology XU Feng, China National Oil and Gas Exploration and Development Company Ltd. (CNODC)</p>
	<p>IFEDC202212863 Experimental Study on Multi-System Deep Profile Control in Offshore Oilfield DA Qi-an, China University of Petroleum (East China)</p>
	<p>IFEDC202212330 Study on Parameter Optimization for Hot Water Flooding in Ordinary Heavy Oil Reservoirs SHAN Fa-chao, Research Institute of Petroleum Exploration &</p>
	<p>IFEDC202212505 Countermeasures Study Later Improve Recovery Factor of Heavy Oil Reservoir Stimulation Ren Biao, Petrochina Xinjiang Oilfield Company</p>

		<p>IFEDC202211861 Experimental Study on Heavy Oil Cracking and Upgrading Assisted by Amphiphilic Organic Salt Catalyst CHU Wei, Research Institute of Petroleum Engineering, Shengli Oilfield Company, SINOPEC</p>
	<p>E-poster Seminars for Sharing (No.8 Screen)</p> <p>Oilfield Chemistry</p>	<p>IFEDC202212298 Study on Wellbore Instability Mechanism and Drilling Fluid Plugging Technology of Shale LI Da-yong, Oil & Gas Survey, China Geological Survey</p>
<p>IFEDC202211891 Polymer Microsphere Flooding Test and Application Effect Evaluation of Sai 392 Ultra-Low Permeability Reservoir in Jing'an Oilfield ZHOU Zheng-peng, Tongzhai Oil Production Operation Area of the Third Oil Production Plant of Petrochina Changqing Oilfield Company</p>		
<p>IFEDC202211065 Study of Proppant Anti-Flowback Additive YANG Jun, Changqing Downhole Technology Company</p>		
<p>IFEDC202211580 Development of a Low Filtration Viscoelastic Fracturing Fluid System for Tight Reservoir JING Zhi-ming, Chuanqing Drilling Company Changqing Downhole Technology Company</p>		
<p>IFEDC202212933 Study on Chemical Pretreatment and Recovery of Polymer-Bearing Wastewater from Offshore Oil Field JING Ya, Shaanxi University of Chinese Medicine</p>		
<p>IFEDC202210896 Performance Evaluation of Wax Removal and Control Agent and Optimization of Dosing System in Huaqing Oilfield WANG Wei, The 10th Oil Production Plant of Petrochina Changqing Oilfield Company</p>		
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09:00-09:30	<p>E-poster Seminars for Sharing (No.1 Screen)</p> <p>Reservoir Exploration</p>	<p>IFEDC202212694 Application of Seismic Attributes Fusion Method in Carbonate Reservoir Prediction: A Case Study of T Exploration Area Pre-Caspian Basin, Kazakhstan YI Er-fan, Research Institute of Exploration and Development, Xinjiang Oilfield Company</p>
		<p>IFEDC202212819 Application of Converted Wave Seismic Imaging Technology to Clastic Rock Reservoir Exploration in Central Sichuan Basin YANG Jun, Geophysical Research Institute of BGP Inc. CNPC</p>
		<p>IFEDC202212200 Application and Effect of High Coverage Times Wide Line Design Method in Taibei Sag of Turpan-Hami Basin WU Ai-guo, BGP INC.China National Petroleum Corporation Tuha Geophysical Exploration Company</p>
		<p>IFEDC202212018 The Application of VSP Wavelet in Seismic Data Processing of Surface Seismic Reflection and VSP Joint Prospecting GUAN Yan-bin, BGP,CNPC</p>
		<p>IFEDC202212984 Exploration Practice Technology and Enlightenment of Low Relief Structural-Thin Sand Oil Reservoirs: Taking K Area In Oriente Foreland Basin, South America As An Example FENG Tao-ran, International Ecuador Andes Ltd. CNPC</p>
		<p>IFEDC202211212 Application of Seismic + Pressure Analysis in Reservoir Connectivity Study - Take the SH Gas Field as an Example YANG Da-you, BGP INC. China National Petroleum Corporation</p>
		<p>IFEDC202212920 Study on Lost Loss Characteristics and Prediction Technology of Bohai Sea Drilling LI Hui, CNOOC EnerTech—Drilling&Production Co.</p>
	<p>E-poster Seminars for Sharing (No.2 Screen)</p>	<p>IFEDC202212842 The Technical and Economic Boundaries of the Whole Process Development Under Steam Injection of Heavy Oil in Offshore Oilfield WANG Tai-chao, CNOOC Research Institute Ltd.</p>

Enhanced Oil Recovery	IFEDC202212886 Experimental Study on Phase and Interface Properties of Dimethyl Ether and Heavy Oil PENG Dong-liang, China University of Petroleum (East China)
	IFEDC202212268 Synergistic Effect of Infill Drilling and Polymer Flooding in an Offshore Reservoir-A case study of Oilfield S in Bohai Bay JIN Yi, CNOOC Research Institute Ltd.
	IFEDC202213108 Study on Characteristic Parameters of Reservoir Simulation of Polymer-Surfactant Flooding in Conglomerate Reservoir LI Kai, Xinjiang Oilfield Company, PETROCHINA Experimental Testing Research Institute
	IFEDC202211928 Study on the Effect of Viscosity Reducer Combined with Cold Recovery on Improving Water Flooding Development in Deep Low-Permeability Heavy Oil Reservoirs HE Xiao-lin, China University of Petroleum (East China)
	IFEDC202212792 Evaluation of High Dryness CO ₂ Foam System and its Effect on CO ₂ Sequestration WANG Peng, China University of Petroleum (East China)
	IFEDC202212081 Experimental study on Microscopic Visualization Oil Displacement by High Temperature and High Pressure of Water/CO ₂ Pressure Flooding FENG Hai-shun, Shengli Oilfield Company Petroleum Engineering Technology Research Institute
	IFEDC202212741 Application of Regulator Agent in Deep Control and Flooding Technology of Panguliang Low Permeability Reservoir in Jing'an Oilfield WEN Hong-bin, Shandong Shida Oilfield Technical Service Co.
	IFEDC202211132 Experimental Investigation of WAG Injection in High-Temperature and High Pressure Carbonate Reservoirs LU Chuan, CNOOC Research Institute Ltd.
	IFEDC202211547 The Effect of Weak Alkali ASP Flooding after Polymer Flooding Intype-I Oil Reservoir HUANG Mei, Drilling Engineering Technology Research Institute

		<p>IFEDC202211921 Numerical Simulation Study of Foamy Oil Recreation Process as a Post Cold Production method for Extra Heavy Oil Reservoir SHI Xiao-xing, Research Institute of Petroleum Exploration &</p>
		<p>IFEDC202211648 Research on Comprehensive Plugging Removal Technology of CO₂ Injection Well in Daqing Oilfield LI Guo, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd.</p>
	<p>E-poster Seminars for Sharing (No.3 Screen)</p>	<p>IFEDC202212866 Development and Application of Elastomer Plugging Agent CHENG Kai, Drilling Fluid Technical Service Company of CNPC Chuanqing Drilling Engineering Co., Ltd</p>
		<p>IFEDC202212817 Preparation and Evaluation of a High Temperature Resistant Water-based Drilling Fluid Plugging Agent XU Zhe, China University of Petroleum (East China)</p>
		<p>Oilfield Chemistry</p> <p>IFEDC202212883 Development and Performance Evaluation of High Strength Temporary Plugging Agent DU Fang-lan, Drilling and Production Technology Research Institute of Jidong Oilfield Company</p>
		<p>IFEDC202211622 Research and Application of Heavy Oil Purifying Water Fracturing Fluid Technology BIAN Teng-fei, Downhole Service Company of CNPC Xibu Drilling Engineering</p>
	<p>E-poster Seminars for Sharing (No.4 Screen)</p>	<p>IFEDC202211235 Development of Continuous Testing System for Oil Well Dynamic Liquid Level WANG Xiao-wen, Petrochina Jilin Oilfield Company</p>
		<p>IFEDC202211860 Application of Downhole Distributed Fiber Grating Monitoring Technology QIAO Li-bo, Tianjin Normal University</p>
	<p>Dynamic Monitor</p>	<p>IFEDC202211587 GEOMAP-based Method and Application of Dynamic Analysis of Marginal Bottom Water Reservoirs DU Dian-fa, China University of Petroleum (East China)</p>

		<p>IFEDC202211194 Research on Water Production Mechanism of Multi-Stage Fracturing Horizontal Well in Low Permeability Reservoir CHANG Li-jing, Oil and Gas Technology Research Institute, Changqing Oilfield Company, PetroChina</p>
	<p>E-poster Seminars for Sharing (No.5 Screen)</p> <p>Efficient Development of Low Permeability/Tight Oil & Gas Reservoir</p>	<p>IFEDC202212389 Application of Horizontal Wells to Achieve Breakthrough of Carbonate Tight Oil Production: A Case Study in the Exploration Area of Taker Structure ZHENG Qiang, Research Institute of Exploration and Development, Xinjiang Oilfield Company, Petrochina</p>
		<p>IFEDC202212528 Research on Logging Classification and Productivity Prediction Technology for Ultra-Low Permeability Reservoirs: Taking Fuyu Oil Layer in Northern Xing-Bei Oil Field As An Example BAI Zhi-qiang, NO.4 Oil Production Plant of Daqing Oilfield Co. Ltd</p>
		<p>IFEDC202211793 Experimental Study on the Permeability of tight Sandstone Under the effect of Supercritical CO₂ PENG Huan, Engineering Technology Research Insitute of PetroChina South-West Gas Field Company</p>
		<p>IFEDC202211339 Influencing Factors and Measures of Horizontal Well Trajectory Control ZHOU Xin-na, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd</p>
		<p>IFEDC202210994 Source Analysis and Countermeasures of Sand Production after Fracturing GAO Xin-ping, Engineering Technology Research Insitute of Petrochina South-West Gas Field Company</p>
		<p>IFEDC202212514 Influence Factors of Reasonable Recovery Rate in Low Permeability Reservoirs GUO Chun-fen, Development Department of Yanchang Oilfield Co</p>
		<p>IFEDC202212668 A New Method for Dynamic Reserves Evaluation in Gaoqiao Block of Sulige Gas Field FAN Ji-wu, Exploration and Development Research Institute of</p>

		Changqing Oil Field, PetroChina
		<p>IFEDC202213058 Analysis of Main Control Factors for Horizontal Well Development Efficiency in Tight Sandstone Gas Reservoirs YANG Wen-jing, No.1 Gas Production Plant Petrochina Changqing Oilfield Company</p>
		<p>IFEDC202212426 Research on the Conductivity of Proppant With Different Particle Sizes and its Influence on Productivity—Taking Tarim Oilfield as an example GAO Ying, Research Institute of Petroleum Exploration & Amp</p>
		<p>IFEDC202211361 Study on Mechanism of Interaction between Nano Microemulsion Used for Fracturing and Rock TANG Peng-fei, Daqing Oilfield Production Technology Institute</p>
	<p>E-poster Seminars for Sharing (No.6 Screen)</p> <p>Deep and Ultra Deep Reservoirs Exploration and Development</p>	<p>IFEDC202212727 Some New Understandings of Non-Uniform Water Intrusion in Huge Gas Reservoirs YANG Min, Exploration and Development Research Institute of Petrochina Tarim Oilfield Branch</p>
		<p>IFEDC202211842 Analysis of Structural Design Difficulties and Implementation Methods of Ultra-High Temperature and High Pressure Logging Instruments REN Yan-min, Geosteering & Logging Research Institute</p>
		<p>IFEDC202212301 Simulation of Fracture Channeling in Carbonate Reservoirs and Countermeasures for Water Shutoff MENG Fan-le, Research Institute of Petroleum Exploration & Amp</p>
		<p>IFEDC202211771 Borehole Wall Instability Law and Prevention Technology of Halahatang Carbonate Reservoir TANG Jia-gao, Petrochina Tarim Oilfield Company</p>
		<p>IFEDC202212937 Practice and Exploration of Deep Sand Conglomerate Fracturing Technology in the Southeast of Biyang Depression LIU Hong-tao, Petroleum Engineer Technology Research Institute of Henan Oilfield Company Branch.</p>

		<p>IFEDC202212789 Quantitative Interpretation Using Facies based Seismic Inversion: Application to Paleogene Sublacustrine Fan GAO Wei, Bohai Oil Research Institute, CNOOC China Limited, Tianjin Branch</p>
	<p>E-poster Seminars for Sharing (No.7 Screen)</p> <p>Shale Oil & Gas Exploration and Development</p>	<p>IFEDC202211078 Study on Structure Evolution of the Southern Margin of the Sichuan Basin and its Influence on Shale Gas Preservation and Development Conditions ZHOU Shi-yu, Southwest Geophysical Research Institute, BGP Inc.</p>
		<p>IFEDC202210893 Precise Prediction of Target Reservoir Thickness for Horizontal Shale Well and Simulation of Characteristic Parameters based on Seismic Waveform Differences HUANG Li-juan, Southwest Geophysical Research Institute of Eastern Geophysical Corporation</p>
		<p>IFEDC202211544 Optimization of CO₂ Huff-N-Puff Media Combination for Volumetric Fractured Horizontal Wells in Shale Oil Reservoirs LIU Ya-qian, School of Petroleum Engineering, China University of Petroleum</p>
		<p>IFEDC202213001 Evaluation of Mud Shale Reservoir in the Second Funing Member of Gaoyou Sag in Subei Basin FU Qian, Exploration and Development Research Institute of Jiangsu Oilfield Branch of Sinopec</p>
		<p>IFEDC202212236 Study on Emulsification Characteristics of Dagang Shale Oil Well GE Dang-ke, Oil Production Technology Institute of Dagang Oilfield</p>
		<p>IFEDC202210960 Application of 4D Geomechanical Research in Fault Critical Re-Active Stress Evaluation of Underground Gas Storer XING Yang-yi, Research Institute Exploration & Development of Southwest Oil & Gasfield Company, Petrochina</p>
		<p>IFEDC202212980 Discussion on Efficient Reservoir Construction Mode of Volatile Oil Reservoir HE Hai-yan, Jidong Oilfield of Petrochina</p>

		<p>IFEDC202211748 Study on Site Selection Method for Rebuilding Gas Storage by Lithologic Gas Reservoir YANG Qiong-jing, Changqing Oilfield Branch Gas Field Development Business Department</p>
<p>17 November, 2022 (PM)</p>		
<p>14:30-15:00</p>	<p>E-poster Seminars for Sharing (No.1 Screen)</p> <p>Reservoir Exploration</p>	<p>IFEDC202211843 Application of DAS 3D-VSP and Surface Seismic Joint Exploration Technology in Loess Tableland of Ordos Basin CHEN Ce, BGP</p>
		<p>IFEDC202213084 Research and Application of Near-surface Q Compensation Technology in Western Region CHEN Li, BGP INC.</p>
		<p>IFEDC202211574 Analysis and Processing of Nine Component ZVSP Data of P-wave and S-wave GUO Xiao-ling, Development and Production Seismic Division, BGP</p>
		<p>IFEDC202213173 Research and Application of Shooting Energy in River Center Beach for Seismic Acquisition BAO Hong-gang, SINOPEC Geophysical Corporation</p>
		<p>IFEDC202212549 Research and Application of Depth Migration Velocity Modeling Technology in Complex Structural Area WANG Lei, Geophysical Exploration Research Institute of Sinopec Shengli Oilfield Company</p>
		<p>IFEDC202212856 Complex Piedmont Tectonic Oil&Gas Reservoir Interpretation Techniques and its Application based on Geoeast Interpretation Sub-System In Kuqa Area XU Jian-hua, Korla Branch of Bureau of Geophysical Prospecting Co.,Ltd,CNPC.</p>
		<p>IFEDC202212560 Irregular Surface Anisotropic Full Depth-Velocity Modeling and Prestack Depth Migration Technology in Complicated Mountain Areas LI Zhong, BGP</p>

		<p>IFEDC202211376 The Study and Application of Facies-Controlled Reef Reservoir Prediction Method LI Xin-yu, Research Institute of Petroleum Exploration & Amp</p>
	<p>E-poster Seminars for Sharing (No.2 Screen)</p> <p>Enhanced Oil Recovery</p>	<p>IFEDC202211799 Study on Distribution Law of Remaining Oil after Viscosity Reduction Combined Flooding for Heavy Oil ZHENG Wan-gang, Engineering Technology Research Institute, Shengli Oilfield Company, SINOPEC</p>
		<p>IFEDC202211227 Lab Experiment Study on Comparing EOR Effect and Carbon Emission of Thermal Complexes huff-n-puff on Shallow Extra-Heavy Oil Reservoir CHEN Chang-chun, Research Institute of Petroleum Exploration & amp</p>
		<p>IFEDC202212834 The Impact of Water Quality on Effect of Liaohe Chemical Flooding GUO Fei, Exploration & Development Research Institute of Liaohe Oilfield Company,</p>
		<p>IFEDC202212776 Application of SiO₂ Nanoparticles in Stabilizing CO₂-N₂ Responsive Foam LI Shao-peng, School of Petroleum Engineering, China University of Petroleum (East China)</p>
		<p>IFEDC202212760 Study on the Reconstruction of Reservoir Description System for the “Secondary-Tertiary Combination” in High Water-Cut Stage CAI Ming-jun, Petrochina Dagang Oilfield</p>
		<p>IFEDC202213101 Research on Subdividing Zones System of Artificial Edge Water Flooding in Low-Amplitude Structural Medium-Permeability Reservoirs WU Ji-qiang, China University of Petroleum-Beijing, Shengli Oil Field, Dongsheng Company, SINOPEC</p>
		<p>IFEDC202213090 Performance Evaluation and Application of Gel Sealing and Channeling Agent in CO₂ Flooding Process GAO Wen-ming, Nanpu Operation Area of Petrochina Jidong Oilfield Branch</p>

		<p>IFEDC202212475 Research on Cost-Effective Exploitation of Horizontal Well In Shallow-Thin Heavy Oil Reservoir HE Wan-jun, Exploration and Development Research Institute of Petrochina Xinjiang Oilfield Company</p>
		<p>IFEDC202212382 Microscopic Numerical Simulation of Enhanced Water Flooding in Ultra-High Water Cut Period YAO Tong-yu, School of Petroleum Engineering, China University of Petroleum (East China)</p>
	<p>E-poster Seminars for Sharing (No.3 Screen)</p>	<p>IFEDC202212664 Calculation of Fracture Volume of Gas Well based on Tracer Monitoring ZHONG Ping-ping, Gepetto Petroleum Technology Group CO., LTD</p>
		<p>IFEDC202212970 Analysis of Global Gas Hydrate Production Test and Development Prospects MU Lang-feng, Peking University</p>
		<p>IFEDC202211540 Application of Radar Chart Analysis in the Evaluation of Water Injection Development in Overseas Oil Fields XU Qing-yan, Research Institute of Petroleum Exploration & Development</p>
		<p>Dynamic Monitor</p> <p>IFEDC202211688 Application of Microseismic Water Injection Front Monitoring Technology in Oilfield Development: A Case Study from Wangxuzhuang Oilfield SUN Wei-yang, No.2 Oil Production Plant, Dagang Oil Field Company, Petrochina</p>
		<p>IFEDC202210996 The Application of Micro-Seismic Monitoring Technology in Real-Time Adjustment of Fracturing Parameters JIN Qi-hu, BGP INC., China National Petroleum Corporation</p>
		<p>IFEDC202211010 Fine Characterization of Single Sand based on Reservoir Architecture ZUO Wen-yong, Exploration and Development Research Institute of Huabei Oilfield Company</p>

<p>E-poster Seminars for Sharing (No.4 Screen)</p> <p>Efficient Development of Low Permeability/ Tight Oil & Gas Reservoir</p>	<p>IFEDC202212711 Rational Classification and Effect Evaluation of Fine Layered Water Injection in Low Permeability Reservoirs WANG Si-yi, Changqing Oilfield Exploration and Development Research Institute</p>
	<p>IFEDC202212650 Study on CO₂ Displacement Efficiency and Time of Borehole Closure in Tight Oil and Gas Reservoir XIA Yu-lei, CCDC Changqing Downhole Technology Company</p>
	<p>IFEDC202212277 Discussion of Fracture-Controlled Well Placement in Fuyang Reservoir of Xingbei ZHANG Wen-dan, Geological Research Institute of the Fourth Oil Production Plant of Daqing Oilfield</p>
	<p>IFEDC202212938 Multi Fracture Oil Displacement and Fracturing Technology in Shallow Tight Reservoir of Weibei Oilfield FENG Xing-wu, Petroleum Engineer Technology Research Institute of Henan Oilfield Company Branch</p>
	<p>IFEDC202211571 Common Plugging Types of Gas Wells and Application Research on Plug-Removal Techniques for Changqing Gas Area ZHANG Peng, The Project Group for Evaluation and Excavation of Thousands Gas Well, Petrochina Changqing Oilfield Company</p>
	<p>IFEDC202212282 Research on Differential Development Mode of Tight Sandstone Reservoir in Sudongnan Gas Field ZHANG Zheng-tao, Research Institute of Petroleum Exploration and Development, Petrochina Changqing Oilfield Company</p>
	<p>IFEDC202212011 Field Practice and Understanding of Tight Spacing Fracturing Technology in Sulige Tight Gas Horizontal Well LI Zhe, Research Institute of Oil Gas Technology Changqing Oilfield, Petrochina</p>
	<p>IFEDC202211335 Geological Characteristics of Tight Oil Reservoir and Analysis of Main Controlling Factors of Oil Displacement and Viscosity Reduction -- Taking the Reservoir in a Test Area of Daqing Oilfield as an E ZHANG Bao-yan, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd</p>

		<p>IFEDC202211068 Geological Classification of Small Fault Block Reservoir and Evaluation Method of Water Drive Development Effect LI Ya-guang, Exploration and Development Research Institute of Daqing Oilfield Co Ltd, Daqing</p>
<p>E-poster Seminars for Sharing (No.5 Screen)</p> <p>Deep and Ultra Deep Reservoirs Exploration and Development</p>		<p>IFEDC202213115 Development and Evaluation of High Temperature and Low Damage Fracture Fluid GAO Zheng-long, CNOOC Eneritech-Drilling&Amp</p>
		<p>IFEDC202211864 Distribution of Sedimentary Facies for the Cretaceous Typical Lacustrine Deposits Carbonate Reservoirs HUANG Ji-xin, Research Institute of Petroleum Exploration &Amp</p>
		<p>IFEDC202211934 Study on Reservoir Development Model of Lower Paleozoic Buried Hill Reservoir in Futai Area of Chezhen Depression LIU Li, Exploration and Development Research Institute, Shengli Oilfield Company</p>
		<p>IFEDC202211388 Evaluation and Application of High Temperature Resistant Emulsion Type Dosing-Free Fracturing Fluid System GAO Ying, Research Institute of Petroleum Exploration & Development</p>
		<p>IFEDC202212605 High Fracturing Pressure Analysis and Countermeasure Research and Application of Reservoir Stimulation YANG Zhan-wei, Research Institute of Petroleum Exploration &Amp</p>
		<p>IFEDC202211037 Development Characteristics Comparison for Different Types of Carbonate Oil Reservoirs YANG Zhao-peng, Petrochina Research Institute of Petroleum Exploration & Development</p>
		<p>IFEDC202211851 Evaluation on Reserve Producibility in Deep Carbonate Gas Reservoirs with Strong Heterogeneity LU Jie, Exploration and Development Research Institute, Petrochina Southwest Oil & Gasfield Company</p>

	E-poster Seminars for Sharing (No.6 Screen) Conglomerate reservoir Exploration and Development	IFEDC202212539 Study on Development Applicability of Highly Deviated Wells in Mahu Deep Tight Oil CHEN Xin-yu, Research Institute of Exploration and Development, Xinjiang Oilfield Company
		IFEDC202212762 Techniques for Up-Scaling Low Permeability Conglomerate Reservoirs at the "Double High" Stage of Development - An Example from the Baikouquan Oilfield NIE Jian-jiang, Baikouquan Oil Production Plant
		IFEDC202212747 The Recent Research on Development of Conglomerate-Bearing Sandstone Reservoir ZHONG Jie, No.4 Oil Production Plant
	E-poster Seminars for Sharing (No.7 Screen) Shale Oil & Gas Exploration and Development	IFEDC202212798 Experimental Study on the Effect of Gas-Liquid Ratio on Gas Production in Shale Gas Reservoirs TENG Fei, China University of Petroleum (East China)
		IFEDC202211059 Characterization Method Research on Stimulation of Unconventional Reservoirs XIU Nai-ling, Research Institute of Petroleum Exploration & Development
		IFEDC202212995 Spatial Characteristics and Influencing Factors of Shale Oil Reservoirs in Funing Formation of Subei Basin CAI Xiao, SINOPEC East China Oil and Gas Company Exploration And Development Research Institute
		IFEDC202211248 Study of Fault Diagnosis Technology for Electrically Submersible PCP based on SPC Criteria HAO Zhong-xian, Research Institute of Petroleum Exploration & Development
		IFEDC202212996 Evaluation of Shale Oil Sweet Spots in the Second Member of Paleogene Funing Formation in Qintong Sag, Subei Basin JING Xiao-ming, Exploration and Development Research Institute of East China Oil And Gas Company of SINOPEC

	<p>E-poster Seminars for Sharing (No.8 Screen)</p> <p>Artificial Intelligence</p>	<p>IFEDC202210875 A New Method for Evaluating the Effect of Oil Production Well Measures based on Software Platform YU Kai-chun, Oilfield Exploitation Professional Software Development and Application Project Manager Department of Daqing Oilfield Co Ltd</p> <p>IFEDC202211743 Fracturing and Acidizing Laboratory Information Management System (LIMS) JIANG Shuang-ze, Downhole Operation Corporation of CNPC Xibu Drilling Engineering Company Limited (Reservoir Reformation Center)</p> <p>IFEDC202211260 Research on a New Method of Seismic Image "sweet spot" focus on and Optimization based on Artificial Intelligence Technology TIAN Heng-yi, Shandong Yingcai University</p>
<p>18 November, 2022 (AM)</p>		
<p>09:00-09:30</p>	<p>E-poster Seminars for Sharing (No.1 Screen)</p> <p>Enhanced Oil Recovery</p>	<p>IFEDC202211019 Discussion on the Reasonable Time of Polymer Flooding to Subsequent Water Flooding GUI Dong-xu, Exploration and Development Research Institute of Daqing Oilfield Company Ltd</p> <p>IFEDC202213000 Development and Research on Variable Dryness Steam Flooding LIU Ying, Liaohe Oilfield Company Huanxiling Oil Production Plant</p> <p>IFEDC202211158 Enhancing Oil Recovery of High Water-cut Reservoir with Indigenous Microorganism WEI Xiao-xia, Institute of Drilling & Production Technology, PetroChina Qinghai Oilfield Company</p> <p>IFEDC202213160 Research on Effects of Injection Parameters and Optimization of Multi-media Assisted Cyclic Steam Stimulation for Offshore Heavy Oil WANG Chuan-jun, CNOOC Energy Development and Drilling & Production Engineering Institute</p>

		<p>IFEDC202211731 Research and Application of Multi-Stage Perforation Technology in Refracturing FENG Yi-jiang, Jiangnan Logging Branch of Sinopec Jingwei Co.</p>
		<p>IFEDC202212518 Research and Application of Nitrogen Compound Energy Increasing Technology on Fengcheng Thin Oil Horizontal Well YIN Long, Fengcheng Oilfield Operation District of Petrochina Xinjiang Oilfield Company</p>
		<p>IFEDC202212278 Adaptability of Polymeric Microspheres for Profile Control and Flooding in High Porosity and High Permeability Reservoirs LI Ran, Oil Production Technology Research Institute, Dagang Oilfield Of Petrochina</p>
		<p>IFEDC202211283 Application of Hot Mining Technology of Double Hollow Oil Extraction Rod in Dagang Oilfield SHI Yun, Tianjin Dagang Oilfield Lingang Bohong Petrochemical Co., Ltd.</p>
		<p>IFEDC202211684 Molecular Dynamics Study of Zwitterionic Low-Tension Surfactant at the Vapor/Liquid Interface SHI Jing, Exploration and Development Research Institute of Shengli Oilfield Company</p>
	<p>E-poster Seminars for Sharing (No.2 Screen)</p> <p>Efficient Development of Low Permeability/ Tight Oil & Gas Reservoir</p>	<p>IFEDC202213155 Analysis of Pore Structure of tight reservoir based on Mercury Injection Data ZHANG Fan, Research Institute of Exploration and Development, Henan Oilfield Branch, Sinopec</p>
		<p>IFEDC202211364 Economic Optimum Selection of Horizontal Section Length in Tight Conglomerate Reservoirs ZHENG Bin, Exploration and Development Research Institute of PetroChina Xinjiang Oilfield Company</p>
		<p>IFEDC202211217 Dynamic Reserve Calculation of Single Well and Recovery Countermeasures of X Tight Gas Reservoir in Hechuan X Gas Field HE Chang, Research Institute of Petroleum Exploration & Amp</p>

	<p>IFEDC202212717 Calculation of Production Capacity Construction Workload in Sulige Gas Field based on Comprehensive Decline Law HUO Ming-hui, 1 Exploration and Development Research Institute of Petrochina Changqing Oilfield Company</p>
	<p>IFEDC202212999 Research on Optimization of Energy Storage Re-Fracturing for the Old Vertical Wells in Tight Oil ZOU Yi, Xi'an Shiyou University</p>
	<p>IFEDC202212971 Study on “Double Dessert” in Offshore Low Permeability Reservoir HU Na-chuan, Cnooc Research Institute Co. Ltd</p>
	<p>IFEDC202211840 Feasibility Discussion on Temporary Plugging and Diversion Fracturing Technology Applied in Horizontal Well in Low Permeability Reservoir ZHANG Hai-jun, Daqing Oilfield Co., Ltd. No. 8 Oil Production Plant Engineering Technology Brigade</p>
	<p>IFEDC202212600 The Technology of Quick Switch Between Well in Fracturing of Platform CHE Hao-yang, CCDC Changqing Downhole Technology Company</p>
	<p>IFEDC202211417 Study on Reservoir Characteristics and Damage Factors of BYT-A Well SHI Xing-ting, Shanghai Experimental Center, Engineering Technology Branch of CNOOC Energy Technology & Services Limited</p>
	<p>IFEDC202212696 Study on the Evaluation Method of Static Adsorption Amount of Oil-Displacing Agent Used in Fracturing Ultra-Low Permeability Reservoirs PING Wan-zhuo, Xi'an Shiyou University</p>

		<p>IFEDC202212299 Research and Application on Volume Fracturing of Water Injection Well Enhancing Water Drive Effect in Ultra-Low Permeability Reservoir ZHANG Zhao-zhao, School of Oil and Gas Academy, Southwest Petroleum University</p>
		<p>IFEDC202212893 Characterizing Offset Well Pressure Response During Stimulation Puneet Seth, Shell, Subsurface Engineer</p>
	<p>E-poster Seminars for Sharing (No.3 Screen)</p> <p>Shale Oil & Gas Exploration and Development</p>	<p>IFEDC202211818 Research of Additive and Low Cost and High Quality WBM System for Shale Oil Formation in Cang Dong Sag LIU Xia, Petroleum Engineering Research Institute of Dagang Oilfield</p>
		<p>IFEDC202211028 The Mechanism of Hydraulic Fracture Propagation in Strike- Slip Shale Gas Reservoirs with Beddings of the Southern Sichuan Basin FU Hai-feng, Research Institute of Petroleum Exploration & Amp</p>
		<p>IFEDC202211780 Study on the Mobility of Shale Oil based on NMR Pyrolysis Joint Measurement Experiment FANG Chao-qiang, Research Institute of Geology</p>
		<p>IFEDC202211387 Stress Sensitivity of Fractured Core Samples with Different Proppant Concentration in Deep Shale Gas Reservoirs GUO Jing-jing, Southwest Petroleum University</p>
	<p>E-poster Seminars for Sharing (No.4 Screen)</p> <p>Coalbed Methane Exploration and Development</p>	<p>IFEDC202212392 Exploration on the Application of Exhaust Heat Power Generation Project of Gas Internal Combustion Engine in Coal Mine SHAO Jian-bo, Shengli Oilfield Shengli Power Machinery Group Co., Ltd</p>
		<p>IFEDC202213157 Prediction of Coalbed Methane Production based on BP Neural Network Surrogate Model SUN Xiao-fei, China University of Petroleum (East China)</p>
		<p>IFEDC202210925 Tectonic And Structural Controls on Coalbed Methane Enrichment KONG Xiang-wen, Research Institute of Petroleum Exploration & Amp</p>

		<p>IFEDC202212770 Key Points of CBM Reserve Evaluation under SPE-PRMS Rules SHAO Xin-jun, Research Institute of Petroleum Exploration & Amp</p>
E-poster Seminars for Sharing (No.5 Screen)	Gas Storage	<p>IFEDC202211239 Calculation of the Effective Gas Storage Capacity of the Water Injected Oil and Gas Reservoirs JIA Qian, Exploration and Development Research Institute of Petrochina Jidong Oilfield Company</p>
		<p>IFEDC202211964 Research on Challenges and Technical Countermeasures of Integrated Natural Gas EOR and UGS WANG Jin-fang, Research Institute of Petroleum Exploration & Amp</p>
		<p>IFEDC202213033 Research and Application of Sand Control and Monitoring Technology for LEI 61 Underground Gas Storage LIU Yong-wei, CNPC Liaohe Oil Field Gas Storage Company</p>
		<p>IFEDC202212986 Cause Analysis and Preventive Measures for String Bending in Salt-Cavern Gas Storage of Layered Salt rock XU Gui-chun, Petroleum Engineering Technology Research Institute of Jiangsu Oilfield Company, SINOPEC</p>
		<p>IFEDC202212646 Research on Key Technology of Rebuilding gas Storage in Zhujiadun Gas reservoir AO Li-de, Exploration and Development Research Institute of Jiangsu Oilfield Company, SINOPEC</p>
	Resource Management and Assessment	<p>IFEDC202212744 Methods to Improve the Prediction Accuracy of Reserve Production Ratio Control Method FENG Jin-de, Research Institute of Petroleum Exploration & amp</p>
		<p>IFEDC202210973 Research on Auxiliary Monitoring Method of Well Killing with Big Data LIANG Shuang, CNPC Research institute of safety & amp</p>

<p>E-poster Seminars for Sharing (No.7 Screen)</p> <p>Artificial Intelligence</p>	<p>IFEDC202213195 Design of Quenching Cooling Water Control System based on PLC XU Jing-tian, Xi'an Shiyou University</p>
	<p>IFEDC202211896 Study on 3D Seismic Horizon Tracking Method based on Deeply Supervised Network WANG Jing, Shengli Oilfield Exploration and Development Research Institute of SINOPEC</p>
	<p>IFEDC202211409 Application and Development of Big Data in Oil Production Engineering ZHANG Dian-xu, Oil Production Engineering Research Institute of Daqing Oilfield Co Ltd</p>
	<p>IFEDC202210862 Research and Application of Oil and Gas Gathering and Transportation Data Acquisition and Energy Consumption Monitoring System based on Internet of Things ZHAO Jie, Daqing Oilfield Co.</p>
	<p>IFEDC202212735 Research on Integrated Intelligent Scenario of Oil and Gas Surface Engineering based on Digital Twin HAO Hua-jie, Data Company of Xinjiang Oilfield Company, CNPC</p>
	<p>IFEDC202213030 Quantitative Evaluation of Fracturing Interference of Shale Gas Wells based on Data-Driven Models HE Zhi-yue, State Key Laboratory of Oil & Gas Reservoir Geology and Exploitation in Southwest Petroleum University</p>
<p>E-poster Seminars for Sharing (No.8 Screen)</p> <p>Geophysics Well Logging</p>	<p>IFEDC202211062 Origin analysis and Logging Evaluation Method Research of Ultra-deep Low-contrast Oil and Gas Reservoirs YUAN Long, Geology Research Institute, China National Logging Corporation</p>
	<p>IFEDC202211841 Development and Application of Electric Down hole Tools GU Cong-hua, Xinjiang Branch of China Petroleum Logging Corporation</p>
	<p>IFEDC202210826 Identification and Evaluation Method of High Gamma Reservoir in North truwa Oilfield HOU Jue, Research Institute of Petroleum Exploration &</p>

	<p>IFEDC202211233 Quantitative Evaluation of Low-Porosity and Low-Permeability Reservoir Diagenetic Facies in Block Tuzkol on the base of Logging and Geology LIN Ya-ping, The Research Institute of Petroleum Exploration and Development (RIPED)</p>
	<p>IFEDC202211821 Machine Learning of Core-Log Depth Matching: A Case Study in Carbonate Karst Reservoirs WANG Wei-jun, Research Institute of Petroleum Exploration &</p>
	<p>IFEDC202212987 Research on the Application of RDT Pulsed Neutron Full Spectrum Saturation Logging in Zhongyuan Oilfield WANG Zhuo, Petroleum Engineering Technology Institute of Zhongyuan Oilfield of SINOPEC</p>

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Mealtime and location

	Time	Location	Remark
Breakfast	06:30~08:00	Buffet Restaurant	Buffet
Lunch	12:00~14:00	Restaurant of Building 18	
Dinner	18:30~20:30		
Excellent Paper Award Ceremony	16 November 18:30~20:30	State Banquet Room, Building 18	All participants

1. If you have halal dietary needs or other dietary needs, please indicate to the organizing committee at the time of check-in
2. Please bring the meal voucher issued by the conference team for dining
3. November 16 at noon on the first floor of the conference check-in hall, other times dining location refer to the table above

Cautions

1. Due to the tight schedule of the conference, delegates are requested to actively cooperate with the conference service team and attend all activities on time as specified. If you are unable to attend or leave early for any reason, please contact the meeting management team in advance to coordinate related matters.
2. For all activities (including meals) during the conference, please wear your badge (Prove you are an attendee).
3. All on-site speakers who need to update their PPT content, please submit your speech PPT to the registration desk on the day of check-in.
4. Please observe the venue rules and put your cell phone on airplane mode or silent mode during the meeting.
5. To maintain your health and the health of others, please do not smoke in the common areas of the meeting rooms.
6. Please follow the epidemic prevention and control requirements, show your health code and travel code before entering the conference room, maintain a social distance in the conference room, wear a mask and take care of your personal protection.

7. In case of fire or other emergencies, please do not panic and follow the unified command of the staff or evacuate according to the safety channel marking route.

8. Safety reminder: During the conference, please take care of your personal valuables and pay attention to safety if you go out. Due to abnormal weather changes, please pay attention to the appropriate increase or decrease of clothing.

Contact information

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