



2018 International Field Exploration and
Development Conference
(IFEDC 2018)

18-20th September , 2018

SHAANXI GUESTHOUSE

Organizers: Xi'an Shiyou University

Shaanxi Petroleum Society

Conference Preview

Dear industry colleagues,

The 2018 International Field Exploration & Development Conference (IFEDC 2018) will be held on 18-20 September 2018 in Xi'an, China and will be the major leading conference in the field of oil & gas exploration and development in China.

Conference Highlights

1. World leading Industry Technologies from China

- Smart layered water pulsation injection technology, which could reduce operating costs greatly and increase recovery significantly;
- Latest advance in ASP compound and polymer flooding research;
- Precedent liquid explosive and hydraulic fracturing technology;
- The latest technologies in seismic data interpretation;
- Rich experiences in oil and gas well testing&well test interpretation models;
- Advanced reservoir evaluation and management.

2. World Top Level Specialists' Presentations

Such as Fikri J. Kuchuk(Schlumberger Fellow, a SPE Distinguished and Honorary Member), ZHOU Shou-wei(Academician of the Chinese Academy of Engineering, Expert in Offshore Oil Development Engineering, Professor Senior Engineer.),Dr Alireza Bashari,(the President of Iranian Society of Petroleum Geology),Dr.Lius Quinter(HALLIBURTON, Chief Advisor, Production Management, SPWLA President) et al.

Why Attend IFEDC2018?

Attendees expand their knowledge and skills through an extensive technical program, a dynamic exhibition, and numerous networking opportunities. IFEDC 2018 includes:

1. 300+ technical presentations;
2. 1 plenary, 1 panel and 10 special sessions;
3. Gather professionals widely from the industry;
4. 65% participators come from four major petroleum companies of China;
5. An opening keynote session on reservoir monitoring and dynamic description;
6. The Latest Industry Technologies from China.

Support and Participation Organizations of IFEDC2018:



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I. The Theme of IFEDC 2018

Transforming Oil and Gas Industry by Innovation

II. Committee

1. Organizers:

Xi'an Shiyou University

Shaanxi Petroleum Society

2. C-organizers:

Shaanxi Yanchang Petroleum (Group) Corp. Ltd.

BGP INC., China National Petroleum Corporation

CNPC Logging

Heilongjiang Local Petroleum Association

Baker Hughes, a GE company

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

Western Low Permeability - Ultra Low Permeability Reservoir Development and Management of The Ministry Of Education Engineering Research Center

State Key Laboratory of Special Technology of EOR in Shaanxi Province

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

College of Earth Sciences & Engineering, Xi'an Shiyou University

3. Executors:

College of Petroleum Engineering, Xi'an Shiyou University

Petroleum Engineering Professional Committee, Shaanxi Petroleum Society

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

4. Media support:

Upstream Oil & Gas News

China Petroleum Daily

China Chemical Industry News

China Reform Daily

5. Technical Program Committee:

Position	Name	Company
Chairperson	MA Yong-sheng	Chinese Academy Engineering
Vice Chairpersons (According to the Phonetic Sequence)	LI Tian-tai	Xi'an Shiyou University
	WANG Xiang-zeng	YanChang Oilfield Co.,Ltd
	YANG Zai-sheng	ShaanXi Petroleum Society

6. Members (According to the Phonetic Sequence)

Name	Company
BIAN De-zhi	Petrochina Overseas Exploration & Development Co.
CAI Dong-sheng	China National Offshore Oil Corporation
CHANG Xue-jun	PetroChina Co Ltd., Jidong Oil Field Branch
CHEN Jun-bin	Xi'an Shiyou University
CHEN Sheng	PetroChina Coalbed Methane Company Limited
CHEN Xiang	Sinopec Henan Oilfield Branch
CHENG Xiao-jun	Sinopec Northwest Oil Field Branch
DENG Zhi-wen	Bureau of Geophysical Prospecting INC.,CNPC
FENG Wen-yan	Hainan Fushan Oilfield Exploration and Development Co. LTD
E. Amadasun	Xiletek Partners
E. D. Jeremiah	FEDDO PTY LTD
F. N. Pebdani	Reservoir Transformation Group
G. S. Basta	Scimitar & 3 DOS Global Energy
GUO Qing-an	Sinopec East China Oil & Gas Branch
GUO Xu-sheng	Sinopec Exploration Branch
HAO Shi-yan	YanChang Oil field Co. LTD
HU Dong-feng	Sinopec Exploration Branch
HU Guang-jie	Northwest Oilfield Company Sinopec
HU Ling-zhi	Yumen Oilfield Company CNPC
HU Wen-ge	Northwest Oilfield Company Sinopec

HU Yong-le	RIPED CNPC
HUANG Xin-wen	Zhongyuan Oilfield Company Sinopec
HUO Jin	Xinjiang Oilfield Company CNPC
JI Bing-yu	RIPED CNPC
JIANG Tong-wen	Tarim Oilfield Company CNPC
JING Feng-jiang	CNOOC
LI Jian-qing	CNPC Economics & Technology Research Institute
LI Song-quan	Exploration and Production co., CNPC
LI Yang	Sinopec co., LTD
LI Zhong-xing	Changqing Oilfield Company CNPC
LIANG Xing	Zhejiang Oilfield Company CNPC
LU Xin-bian	Northwest Oilfield Company Sinopec
LUO Dong-hong	Shenzhen Branch CNOOC
LV Chuan-bing	Huabei Oilfield Co., Ltd CNPC
Minh Vo	Chevron
M. N. Akbar	University of Miskolc
O. J. Emeka	Society of Petroleum Engineers
PENG Xian	Southwest Oil and Gas Field Company CNPC
QIN Min-jun	Logging co. LTD CNPC
SUN Jian	Jiangnan Oilfield Company Sinopec
TANG Jian-dong	Jiangsu Oilfield Company Sinopec
TANG Lei	Sinochem Petroleum E&D Co.,Ltds
TANG Tian-zhi	Logging co. LTD CNPC
WANG Feng-qin	Xi'an Shiyou University
WANG Zu-wen	Changqing Downhole Operation Company CNPC
WEI Zhao-sheng	Jilin Oilfield Company Sinopec
WEN Sheng-ming	CBM co. LTD CNPC
WU Chao	COSL
XIE Rong-hua	Daqing Oilfield Co.,Ltd. CNPC.
XIONG Xiang-hua	Hangzhou Institute of Geology CNPC
XU Jun	Turpan-Hami Oilfield Company CNPC
ZENG Zhi-qing	GWDC
ZHANG Dao-wei	Qinghai Oilfield CNPC

ZHANG Tong-yi	Engineering Research Institute of Sinopec
ZHOU Bo	Turpan-Hami Oilfield Company CNPC
ZHOU Wen	Chengdu University of Technology
ZHU Guo-jin	Exploration and Development Branch, CNOOC Research Institutes.
ZHU Li-bin	Bohai Drilling Engineering Co.,Ltd CNPC.

7. Conduct Committee

Chairman: LI Hua

Vice Chairman: ZHOU De-sheng, TANG Tian-zhi

Members(According to the Phonetic Sequence): DONG Hao, HAN Ji-yong, LI Lin, LU Li-jun, SUN Hui-zhu, SUN Nan, WANG Qi, WANG Qin-xue, YUAN Tong-lu, ZHANG Rong-jun.

III. Conference Venue and Time

Conference venue: Shaanxi Guesthouse

Conference time: September 18-20, 2018 (Registration on September 17)

Address: No. 1 Zhangba East Rd., Yanta Dist., Xi'an, Shaanxi, P.R. China

Telephone: 029-88768555

IV. Conference Schedule Overview

Date	Schedule	Venue
17 th September	Conference Registration & Material Collection	Hall, 18th Building ,Shaanxi Guesthouse
18 th September Morning	Opening Ceremony and Keynote Session	3-5 Conference Rooms,The Shaanxi Great Hall
	Coffee Break & ePoster Session for Knowledge Sharing with five groups	Display Hall, 1st Floor,The Shaanxi Great Hall
	Technology Product Exhibition	
	Welcome dinner (Excellent Paper Award Ceremony)	Guo Yan Meeting Room
18th September Afternoon	① Reservoir Monitoring and Management	3-1
	② Reservoir Evaluation and Dynamic Description	3-3
19th September	③ Reservoir Production Stimulation and	3-6

	EOR	The Shaanxi Great Hall	
	④ Ultra-Tight Reservoir		3-2
	⑤ Unconventional Oil and Gas Resources Technology		3-7
	⑥ Oil and Gas Well Testing		3-8
	⑦ Geomechanics		3-9
	ePoster Session for Knowledge Sharing with five groups		Display Hall, 1st Floor
	Technology Product Exhibition		
20th September Morning	① Reservoir Monitoring and Management	The Shaanxi Great Hall	3-1
	② Reservoir Evaluation and Dynamic Description		3-3
	③ Reservoir Production Stimulation and EOR		3-6
	⑤ Unconventional Oil and Gas Resources Technology		3-7
	⑧ Geophysical monitoring technology of oil and gas reservoirs		3-8
	⑨ Fracture-Vuggy Reservoir Development Technology		3-2
	Dynamic Workshop on Advanced Technology of Reservoir Rock Physics		Conference Hall

V. Registration

Registration Fees	
By 18 August 2018	After 18 August 2018
USD 500	USD 600
Student (with valid college ID)	
By 18 August 2018	After 18 August 2018
USD 210	USD 300
Student Author (with valid college ID)	
By 18 August 2018	After 18 August 2018
USD 400	USD 500

Conference fee includes :

Technical Session, Materials, Exhibition, Attendee List, Lunches, Coffee Breaks, Receptions, Welcome Dinner

Note: Registered Participants of This Conference can be Free to Attend Other Sessions.

Accommodations are NOT included in the Conference Registration Fee.

VI. Contact Information

Contact member: SUN Nan Tel: 029-88383067 13991392413

Fax: 86-29-88272254 E-mail: info@ifedc.org

VII. Conference Program

17th September, 2018 Conference Registration	
8:00-20:00	Conference Registration (Location: the doorway of 3-5 Conference Rooms, The Shaanxi Great Hall)
Morning, 18th September, 2018 (Location: 3 -5 Conference Rooms, The Shaanxi Great Hall)	
7:00-18:00	Conference Registration
8:00-8:30	Opening Ceremony (Moderator: LI Hua)
8:30-9:50	Keynote Session: Communication with five international leaders (Moderator: ZHOU De-sheng)
9:50-10:00	Group photo (The North Gate, The Shaanxi Great Hall)
10:00-10:30	Coffee Break & ePoster Session for Knowledge Sharing (Location: Display Hall, 1st Floor, The Shaanxi Great Hall)
Plenary Sessions (Moderator: ZHOU De-sheng)	
10:30-10:55	1. Fractured-Reservoir Modeling and Interpretation or the Related Techniques. Dr Fikri J. Kuchuk, Academician of American Academy of Engineering, Academician of Russian Academy of Sciences, Chief Reservoir Engineering Expert of Schlumberger Company, Internationally Renowned Reservoir Engineering Expert.
10:55-11:20	2. New Technology of High Efficiency Development and High Recovery of Offshore Oil Field. ZHOU Shou-wei, Academician of the Chinese Academy of Engineering, Expert in Offshore Oil Development Engineering, Professor Senior Engineer.
11:20-11:40	3. Qatar Arch: An Attempt to Characterize Khuff Formation of the North Field_South Pars in the Persian Gulf. Dr Alireza Bashari, the President of Iranian Society of Petroleum Geology (ISPG) Organization,

	President.
11:40-12:00	4. Why Unconventional Reservoir Stimulation Treatments Don't Behave Like North America and What We Can Do About It. Johnson, Raymond L., The University of Queensland, Professor.
12:00-14:00	Buffet lunch and Break Time
Afternoon, 18th September, 2018	
Plenary Sessions	
① Reservoir Monitoring and Management Afternoon, 18th September, 2018 (Location: 3-1, 3rd Floor, The Shaanxi Great Hall)	
Moderators: CHENG Xiao-jun	
14:00-14:20	5. Role of Technology in Reservoir Management and onset of Peak Oil. Farrokh N. Pebdani, Reservoir Transformation Group, President & CEO.
14:20-14:40	6. Progress of Natural Gas Exploration and Development in Sichuan Basin of Sinopec. GUO Xu-sheng, Sinopec Exploration Branch, General Manager, Professor Senior Engineer.
14:40-15:00	7. Reservoir Management, Surveillance, and Integration: Characteristics of Value. Richard W. Smith, Integrated Reservoir Management, Inc. Managing Director.
15:00-15:20	8. Reasonable alteration of oil reservoirs based on correct understandings to them-Several Examples of Effective Development of Reserve Blocks Difficult to Recovery in the Turpan-Hami Oilfield. LI Zheng-ke, Research Institute of Exploration and Development of Turpan-Hami Oilfield, PetroChina, Director and An Expert Enjoys Special Allowances From the State Council.
15:20-15:40	9. Model-Based Systems Engineering Applied to Reservoir Management. Miguel Angel Maruri Carballo, Blue Bull Energy LLC, Director.
15:40-16:00	10. Ecological and Environmental Concerns for China Unconventional Shale Gas Exploration. Bingsen Yu, Senior Engineer of California Oil and Gas Regulatory Bureau, Adjunct Professor of West Virginia, Visiting Professor of Xi 'an Shiyou University.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: GUO Xu-sheng	
16:30-16:50	11. From Data to Decision-Making: Research, Development and Application of "Intelligent Reservoir" Platform Driven By Big Data. GONG Bin, Doctor of Petroleum Engineering in Stanford university, The Talent of Country's 11th "The Thousand Talents Plan", Chairman of Tracy Energy Technology CO. LTD. Chief Professor of Petroleum Engineering Discipline in China University of Geosciences(Wu Han).
16:55-17:10	12. Integration Workflow for Real-Time Surveillance Data and Advanced Modeling Tools to Optimize Field Development. Minh V Vo, CDB, Subsurface Team Lead.
17:10-17:30	13. Asynchronous Injection-production Development Technology of Horizontal Wells in Tight Oil Reservoirs. CHENG Shi-qing, China University of Petroleum, Beijing, Professor, Researcher and Doctoral Advisor.

17:30-17:45	14. Flowline network optimization model for onshore gas field Sangho Kim, Dong-A University
17:45-18:00	15. Techniques for Enhancing Oil Recovery by EM and US Wave Muhammad Ismail, Electrical Engineering, Xi'an Shiyou University
18:30-20:30	Welcome Dinner (Excellent Paper Award ceremony)
② Reservoir Evaluation and Dynamic Description Afternoon, 18th September, 2018 (Location: 3-3, 3rd Floor, The Shaanxi Great Hall)	
Moderators: CHANG Xue-jun	
14:00-14:20	16. A Proxy Based Approach for the Preliminary Evaluation of New Gas Condensate Field for Development. Omeke James Emeka, Newcross Exploration and production limited in Nigeria, Society of Petroleum Engineers (SPE), Society of Petroleum Engineers (SPE), Senior Reservoir Engineer.
14:20-14:40	17. Simulation and Evaluation of Influence Factors on Edge-water Drive Reservoir of Toothbrush-like Reservoir. Dong Wei, Chengdu University of Technology, Professor.
14:40-15:00	18. Historical Recovery of Cotton Valley Formation. Garry Ward, AARACO Exploration, Inc. President.
15:00-15:20	19. Reserves Estimation of Two-Layer Commingled Gas Well by Material Balance Method. SUN He-dong, Research Institute of Exploration and Development, PetroChina, Director.
15:20-15:40	20. Sedimentary Microfacies Analysis and Reservoir Characterization of the Middle Jurassic Carbonates: A Case Study from Lower Indus Basin, Pakistan. Bilal Wadood, Department of Geology, University of Swabi, Lecturer in Geology Bilal Wadood, Department of Geology, University of Swabi, Lecturer in Geology.
15:40-16:00	21. Study on the Relationship Between Tectonic Characteristics and Shale Gas Enrichment--taking the Chongqing Area as an Example. HU Ming, The School of Earth Science and Technology, Southwest Petroleum University, Professor.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: HU Guang-jie	
16:30-16:50	22. Research and Application of Productivity Prediction Method for Tight Reservoirs -- Taking Xunyi Huangling Area As an Example. WU Xiao-xiong, Research institute of Yanchang petroleum(Group)CO.LTD, Senior Engineer and Director.
16:50-17:10	23. An Introduction to Exploration Economics. Mu Liu, Shell E&P Company, Consultant.
17:10-17:30	24. The Cognition and Trial Comparison of Deterministic and Stochastic Method of Interlayer Modeling Based on Geological Understanding. LIAN Zhang-gui, Research Institute of Exploration and Development, Tarim Oilfield Company, General Party Branch Secretary, Professor Senior Engineer.

17:30-17:45	25.Fracture Modeling and Calibration to the Dynamic Performance in a Triassic Carbonate Field in Sichuan Basin, China San Su, CDB, Development Geologist
17:45-18:00	26.A Case Study of Subsurface Uncertainty Analysis in Modeling Carbonate Reservoir YANG Yong, Research Institute of Petroleum Exploration and Development, Director and Senior Engineer.
18:30-20:30	Welcome Dinner (Excellent Paper Award Ceremony)
③ Reservoir Production Stimulation and EOR Afternoon, 18th September, 2018 (Location: 3-6, 3rd Floor, The Shaanxi Great Hall)	
Moderators: ZHOU Bo	
14:00-14:20	27.Global Evaluation of CO ₂ Enhanced Oil Recovery (EOR). Engr Dare Jeremiah, FEDDO PTY LTD, President/Chief Executive Officer.
14:20-14:40	28.Innovative SAGD Techniques to Improve Oil Recovery in Shallow Continental Deposited Super-Heavy Oil Reservoirs. SUN Xin-ge, Xinjiang Oilfield Company, PetroChina, Ingenieur-Professeur En Haute Categorie, Enterprise Secondary Experts.
14:40-15:00	29.Experiences of Conversion from Cyclic Steam Strategy to Continuous Steam Strategy in Issaran Egypt Field. Surendra Bateja, Cairo University, Scimitar & 3 DOS Global Energy, Researcher, Reservoir Engineer, Business Development Manager.
15:00-15:20	30.Research on Key Technologies of Offshore Heavy Oil Production Based on Distributed Electronics-ultrasonic Dual-efficiency. GAO Guo-wang, Xi'an Shiyou University, Vice Professor.
15:20-15:40	Application of EOR method "Enhanced Oil Recovery" with polymer. Humberto X. VIVENES MARTINEZ, Venezuelan companies XATPRO and I & H CORPORATION C.A.
15:40-16:00	32.The Present Situation and Development Trend of Staged Fracturing Tools for Horizontal Wells. WANG Zu-wen, CDEC, CNPC, Professor Senior Engineer, Vice Director.
16:00-16:30	Coffee Break & ePoster Session for Knowledge Sharing
Moderators: LI Jian-qing	
16:30-16:55	33.New Green Nano-Micron Material Plugging and Adjusting Flooding and New Compound Oil Displacement Technology. TANG Chang-jiu, Xi'an Shiyou University, College of Petroleum Engineering, Professor.
16:55-17:20	34.Post-Flooding with Associative Polymer/Alkali/Surfactant Ternary System After Polymer Enhanced Oil Recovery. HAN Pei-hui, Exploration & Development Research Institute, Daqing Oilfield Limited Company, PetroChina, Expert.
17:20-17:40	35.Experimental Study On Common Heavy Oil Reservoir Air Assisted Cyclic Steam Stimulation. ZHAO Qing-hui, the Experimental Technology Research Centre of Liaohe Oilfield

	Exploration and Development Research Institute, Senior Engineer.
17:40-18:00	36.The Development of oilfield sludge-filled Gel Particle and Application. YANG Chang-hua, Petroleum Engineering Institute of Xi'an Shiyou University, Researcher.
18:30-20:30	Welcome Dinner (Excellent Papers Award Ceremony)
④ Ultra-Tight Reservoir Afternoon, 18th September, 2018 (Location: 3-2, 3rd Floor, The Shaanxi Great Hall)	
Moderators: HU Wen-ge	
14:00-14:30	37.Discussion on Development Technology of Low Permeability Oil Field in Ordos. GAO Rui-min, YanChang Oil Field Co. LTD, Director.
14:30-15:00	38.The Research of an New Development Pattern “Network Fracturing +Imbibition Oil Recovery” of Super-low Permeability Oil Reservoirs. WU Zhong-bao, PetroChina Exploration and Development Research Insitute, Secondary Experts.
15:00-15:20	39.Permeability and Viscosity Index Range Estimation of Imbibition Agent Suitable for Low Permeability Reservoir. ZHANG Yi, State Key Laboratory of Enhanced Oil Recovery/ Petro China CO.LTD, Professor.
15:20-15:40	40.Oxygen Reducing Air Displacement——Research and Application Progress in Tightly Reservoirs. XU Ning, East China Oilfield Project Department of Liao He Oil Field Company , E&D Petroleum Research Institute of Liao He Oil Field Company, Chief Geologist.
15:40-16:00	41.Treatment Practice of Ultra-low Permeability and Fossil-Reservoir Low Production Blocks Based on Slot Fracturing and Well Pattern Optimization. QU Ying-xin, Ninth Oil Production Plant Geological Brigade, Senior Engineer, Vice Captain.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: GAO Rui-min	
16:30-16:55	42.The Multi-stage Fracturing Technology of RFID Smart Sliding Sleeve Boosts Oil and Gas Development to Reduce Costs and Increase Efficiency. LI Wei, Southwest Petroleum University, Associate Professor.
16:55-17:20	43.Research Progress on New Acid - Resistant and Salt - Resistant Foam Sealing and Channeling System For CO ₂ Gas Flooding. SHAO Li-ming,. Department of Oilfield Chemistry, Research Institute of Petroleum Exploration and Development (RIPED),PhD, Engineer.
17:20-17:40	44.Application of Refracturing Technology For Low Permeability Reservoirs in Hailar. XIE Zhao-yang, Daqing Oil Field Co Hulun Buir Branch, General Engineer.
17:40-18:00	45.Study on Effect of Solid Particle on Water-Flooding Development in Mid-low Permeability Carbonate Reservoir. SHI Lei-ting, Southwest Petroleum University, Associate Professor.
18:30-20:30	Welcome Dinner (Excellent Paper Award Ceremony)
⑤ Unconventional Oil and Gas Resources Technology Afternoon, 18th September, 2018	

(Location: 3-7, 3rd Floor, The Shaanxi Great Hall)	
Moderators: CHEN Xiang	
14:00-14:20	46. An Extensive Petrophysical Evaluation for Better Reservoir Characterization on the Ultra-Tight Organic-Rich Shale: a Case Study of the North Sumatra Basin. Muhammad Nur Ali Akbar, University of Miskolc, LEMIGAS (Indonesia Research and Development Centre for Oil and Gas Technology), MSc Petroleum Geoengineering & Consultant Petrophysicist.
14:20-14:40	47. Updated Completion and Stimulation in Changqing Tight Oil and Tight Gas. LI Xian-wen, Oil & Gas Technology Research Institute of PCOC, Chief Engineer, Professor Senior Engineer.
14:40-15:00	48. Tight Oil Reservoir Development. Vaibhav Joshi, Schlumberger, Senior Reservoir Engineer
15:00-15:20	49. Study on the Effect of Supercritical CO ₂ Flooding on Tight Reservoir Sandstone's Microscopic Pore Structure. LI Zhi-ping, China University of Geosciences (Beijing) School of Energy, Professor.
15:20-15:40	50. Portable X-ray diffraction for unconventional and conventional petroleum exploration. Dane Burkett, Olympus Scientific Solutions Asia-Pacific, Application Manager.
15:40-16:00	51. Research on Gas Reservoir Engineering Methods for Efficient Shale Gas Exploitation by Fracturing Horizontal Wells. WANG Wei-hong, RIPED CNPC, Professor Senior Engineer.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: DENG Zhi-wen	
16:30-17:00	52. Impact of Two-Phase Separation in Early Production of Toe-Up Unconventional Wells. Dr. Lius Quinter, HALLIBURTON, Chief Advisor, Production Management.
17:00-17:35	53. Understanding Rock-Fluid Interactions in Unconventional Reservoirs. Hassan Dehghanpour, University of Alberta, Associate Professor.
17:35-18:00	54. Tight Oil Resource Development. Andrew Seto, Energi Simulation, Vice President, Technology.
18:30-20:30	Welcome Dinner (Excellent Paper Award Ceremony)
③ Oil and Gas Well Testing Afternoon, 18th September, 2018 (Location: 3-8, 3rd Floor, The Shaanxi Great Hall)	
Moderators: CHEN Yong-chang	
14:00-14:20	55. Sealing Quality Inspection of the Junked Well Using Well Testing Technology. YANG Jing-hai, Monitoring Data Interpretation and Evaluation Center and No.1 Logging Brigade of Well Logging Service Company of Daqing Oilfield. Vice General Engineer.
14:20-14:40	56. Comprehensive Evaluation and Excavation Technique of Residual oil by Logging and Test Data in Reservoir Development. YAO Jun-peng, Oil and gas evaluation center of CNPC logging LTD., Doctor, Senior Engineer.
14:40-15:00	57. Research on New Cable Control Layered Testing Technology. CHEN Yong-chang, China petroleum group logging co., HUABEI branch, Vice General

	Engineer.
15:00-15:20	58.Study on Productivity Evaluation and Prediction Method of Abnormal High-Pressure Water Gas Reservoir. YANG Min. CNPC Tarim Oilfield Research Institute Of Petroleum Exploration Development Senior Engineer.
15:20-15:40	59.Self-Excited Rotating Magnetization Field Ranging For SAGD Dual Horizontal Well. GUO Zhi-yong, Southwest Petroleum University, Senior Lecturer.
15:40-16:00	60.Steam Injection Parameters Test and Application of Data Analysis in Heavy Oil Well. JIN Lu, Liaohe Oil Field Brand Company, Drilling & Production Technology Research Institute of CNPC, Engineer.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: YANG Jing-hai	
16:30-16:50	61.Analysis of Ultrasonic Pulse Echo Logging Signal Influence Factors. LV Xiu-mei. Senior Engineer.
16:50-17:10	62.Applied Research and Well Interference Test Model of Overpressured Gas Reservoir of Keshen Gasfield. WANG Hong-feng,Tarim oilfield company, PetroChina,State Key Lab of Oil and Gas Reservoir Geology and Exploitation,Chief Geologist & Professor Senior Engineer.
17:10-17:30	63.Fast Horizontal Wells Design in Thin Reservoirs Using Walkaway-VSP Method. WU Jun-jun, BGP Inc., CNPC, Deputy Director.
17:30-17:45	64.Application of Casing Inner Coating Detector in Detection of Casing Coating in Changqing Oilfield. LI Gui-Shan,Changqing Oil Field Casing Corrsion DPC, The Instrument of Four-Arm Point Electrodes. Engineer.
17:45-18:00	65.Wellbore Temperature and Pressure Calculation of Drilling With Supercritical Carbon Dioxide. WANG Yu-xin, China University of Petroleum.
18:30-20:30	Welcome Dinner (Excellent Paper Award Ceremony)
⑦ Geomechanics Afternoon, 18th September, 2018 (Location: 3-9, 3rd Floor, The Shaanxi Great Hall)	
Moderators: LEI Zhan-xiang	
14:00-14:20	66.The Technology and Application of Wide-Azimuth 3d Seismic Acquisition Based on Ultra-Low Permeability Reservoir. DU Zhong-dong, CNPC BGP, Technical Expert.
14:20-14:40	67.Laboratory Study of the Geomechanical Effect of Natural Fractures with Different Orientation on Gas Flow through Fractured Tight Core. QU Hong-yan, China University of Petroleum(Beijing), Deputy Researcher.
14:40-15:00	68.Simulation of Vertical and Transverse Fracture Distortion in Horizontal Fracturing Near Wellbore. SUN Zhi-Yu, Petroleum Exploration and Production Research Institute,Sinopec, Senior Engineer.
15:00-15:20	69.Study on Tensile Test Elongation Variation Law for High Strength Steel Material. XU Xiao-Feng, CNPC Tubular Goods Research Institute, Senior Engineer.
15:20-15:40	70.The Investigation of Stress Interference Among Hydraulic Fractures of Multi-Stage Horizontal Wells in Shale Gas Reservoirs with Fully 3D Simulation.

	TANG Hui-ying, Southwest Petroleum University, Lecturer.
15:40-16:00	71. Rock Fracture Analysis Method in Drilling Operation. XUE Zhao-mei, College of electrical engineering of Xi'an Shiyou University. Vice Professor.
16:00-16:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: DU Zhong-dong	
16:30-16:50	72. Driving Force Analysis of Sandstone Reservoirs with Strong Natural Aquifer. LEI Zhan-xiang, Research Institute of Petroleum Exploration and Development of CNPC. Secondary Expert.
16:50-17:10	73. Hydraulic Fracturing Effect Analysis of Horizontal Wells Based on Surface Pressure Log&Ndash;Log Curves. HE Jia-yuan, SINOPEC, Petroleum Exploration and Production Research Institute, Associate Director.
17:10-17:30	74. Development and Application of a Coupled Geomechanical Model in a Fractured HPHT Gas-condensate Reservoir. ZHANG Yong-bin, Research Institute of Petroleum Exploration Development of PetroChina. Engineer.
17:30-17:45	75. Three Axis Failure Criterion and Constitutive Model of Coal Rock Under Horizontal Stress Loading. CUI Cong, China Coal Research Institute, Assistant Engineer.
17:45-18:00	76. Medium Deformation Characteristics Analysis and Application of Overpressured Gas Reservoir. WANG Cui-li, Research Institute of Petroleum Exploration Development of Tarim Oilfield, Engineer.
18:30-20:30	Welcome Dinner (Excellent Paper Award Ceremony)
Morning, 19th September, 2018	
Session ① Reservoir Surveillance and Management Morning, 19th September, 2018 (Location: 3-1, 3rd Floor, The Shaanxi Great Hall)	
Moderators: WANG Heng-bin	
08:00-08:20	77. Evaluating Hydraulic Fracturing Effectiveness in Sulige Gas Field by Machine Learning. MA Xian-lin, Xi'an Shiyou University, Professor.
08:20-08:40	78. Integrated Seismic Techniques in Tight Oil & "Sweet Spot"; Characterization: A Case Study In Erdos Basin. ZHOU Yi-jun, BGP, CNPC, Deputy chief geologist.
08:40-9:00	79. New Dynamic Multi-Factors Economic Limit Well Pattern Density Calculation Method Based on Single Well Limit Control Reserves. WANG Hong-wei, Research Institute of Exploration and Development of Daqing Oilfield Company Ltd., Senior Engineer.
09:00-9:20	80. Development of Petroleum Data Mining System Based on B/S Structure. Zhang Qian, PetroChina Research Institute of Petroleum Exploration and Development, Senior Engineer.
09:20-09:40	81. Assistant Decision Technology Based on Big Data Management in Oilfield Development. Qi Dian-jun, Daqing Oilfield Co., Ltd. No. 5 Oil Production Plant, Deputy Director.

09:40-10:00	82.Adaptability Analysis, Development and Application of Thermal Wellhead Thermal Insulation Box and Pipeline Heat Insulation Pipe Support. CHANG Da-ming, Henan Oil Field Branch Petroleum Engineering Technology Research Institute, Second Oil Production Plant of Henan Oilfield Branch, Senior Engineer.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: MA Xian-lin	
10:30-10:50	83.Research on an Optimization of Uncertainty in Oilfield Development Planning. WANG Hai-feng, Research Institute of Exploration and Development of Daqing Oilfield Company Ltd. , Senior Engineer.
10:50-11:10	84.Study on Centrifugal Pump Rotor Fault Feature Extraction Based on Fractal Theory. LIU Wen-cai, CNPC Research Institute of Safety & Environment Technology, Senior Engineer.
11:10-11:30	85.Integrated Optimization Design and Application of Oil Field Productivity Construction. CHANG Ling-yun. No.1 Oil Production Plant, Daqing Oilfield Ltd., Senior Engineer.
11:30-11:45	86.Evaluation Method of Remaining Oil Distribution Based on Reservoir Properties. WANG Ying-jie, CNPC Well Logging Huabei Bussness Division, Engineer.
11:45-12:00	87.The Operation Management of Oil Extraction Based On Depth Mining HAN Yu, The engineering Technology Institute of the Fourth Oil Extraction Plant of PetroChina Huabei Oilfield Company, Engineer.
12:00-14:00	Buffet lunch and Break Time
Session ② Reservoir Evaluation and Dynamic Description Morning, 19th September, 2018 (Location:3-3, 3rd Floor, The Shaanxi Great Hall)	
Moderators: PENG Xian	
8:00-8:15	88.A Simple Method for Predicting the Bottom Steam Chamber of Steam Flooding Production Wells. DENGZhong-xian, Drilling and Production Technology Research Institute of Liaohe Oilfield Company of CNPC, Senior Engineer.
8:15-8:30	89.Flower-Alike Structure Style of Kursenge Oilfield in South Caspian Sea and its Impact On Petroleum Accumulation. ZHOU Tian-wei, PetroChina Research Institute of Petroleum Exploration and Development, PhD ,Senior Engineer.
8:30-8:45	90.Prediction Method of Rock Stratum Anti-Diamond Characteristics of Carbonate Rocks Used in Qinghai Yingxi Block. ZHANG Guo-hui, PetroChina Research Institute of Petroleum Exploration & Development, Senior Engineer.
8:45-9:00	91.Paleo-Channel Recognition Based on Multi-Attribute PCA Fusion. HONG Yu-gang, ZhenhuaOil Co. Ltd., Chief geophysicist engineer.
9:00-9:15	92.Application of Geostatistical Inversion to Thin Reservoir Prediction in the Indonesian Project. LI Chun-lei, The Research Institute of Petroleum Exploration and Development (RIPED), Senior Engineer.
9:15-9:30	93.A Novel Quantitative Method for Dominant Flowing Path Identification Based on Data Mining. GUO Jun-hui, Research Institute of Exploration and Development of Daqing Oilfield Company

	Ltd. ,Senior Engineer.
9:30-9:45	94.Influence of Low-Frequency Vibration Acceleration on the Properties of Low Permeable Porous Media During Water Flooding. ZHENG Li-ming, Yanshan University , Lecturer.
9:45-10:00	95.Prediction on Basement Fracture in Jambi Depression, South Sumatra Basin, Indonesia. HU Guang-cheng, Research Institute of Petroleum Exploration and Development, Senior Engineer,Director.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: DENG Zhong-xian	
10:30-10:45	96.Research On The Feature Of Fluid Flow In K Gas Reservoirs Characterized By Faults-Fracture-Pores “Triple Medium”. WEI Cong,Research Institute of Exploration and Development,Tarim Oilfield Company,PetroChina. Engineer.
10:45-11:00	97.Study on the Quantitative Model of the Elastic Modulus of Oil Shale During Pyrolysis. LIU Jian,Taiyuan University of Technology, Lecturer.
11:00-11:15	98.The Research for Adjustment of Third Category Dense-Enhanced Oil Reservoir at Western Area. ZHANG Jing-tao, No.1 Oil Production Plant of Daqing Oilfield Company Ltd., Senior Engineer.
11:15-11:30	99.Mechanism of Hydrocarbon Migration of Marine Clastic Rocks in Western Area of Northern Tarim Basin: A Case of YM34 Silurian Reservoirs. GUAN Wen-sheng, China University of Petroleum(East China), Senior Engineer.
11:30-11:45	100. Analysis of Inversion Structure and Trap Diversity in A Block of Western Qaidam Basin. WANG Gui-hong,Institute of Petroleum Exploration and Development, Senior Engineer.
11:45-12:00	101. Research on The Reasonable Development Technology Policy of Volatile Oil Reservoir. WANG Ying-ying, Exploration and Development Research Institute, Engineer.
12:00-14:00	Buffet lunch and Break Time
Session ③ Enhanced Oil Recovery Technology Morning, 19th September, 2018 (Location:3-6, 3rd Floor, The Shaanxi Great Hall)	
Moderators: SUN Xin-ge	
8:00-8:15	102. Research and Application on Ultra High Molecular Weight Polymer Flooding in Gucheng Oilfield. GUO-Yan, Exploration and Development Research Institute, Henan Oilfield Branch Company, Sinopec, Senior Engineer.
8:15-8:30	103. Study on Improvement of Weak Gel System for Plugging Cracks. Xu Chunmei, Oil and Gas Technology Research Institute of Changqing Oilfield Company, Senior Engineer.
8:30-8:45	104. Multi-Stage Acidising and Propped Fracturing Techniques in Tight Calcilutite-Rudstone Reservoirs . CAI Bo, Research Institute of Petroleum E&D(RIPED),PetroChina, Deputy Chief Engineer.
8:45-9:00	105. Study on the Effective Characteristics of Deep Profile Control in Low Permeability Fractured Reservoir. WANG Shuo-liang, China University of Geosciences(Beijing), Lecturer.

9:00-9:15	106. Research on Lifting Technology of Equal Wall Thickness Stator Screw Pump. HE Yan, Production Engineering Research Institute, Daqing Oilfield Co., Ltd., Senior Engineer.
9:15-09:30	107. Fly Ash Particles Modified With Various Surface Coupling Densities And Its Thermal Stability Mechanism Of Oil-In-Water Emulsion. JI Yan-feng, Exploration and Development Research Institute, , Shengli Oilfield Co. Ltd. Senior Engineer.
09:30-9:45	108. The Reserch and Application of PEG Fiexible Gel Particle Flooding in Changqing Ultra-low Permeability Reservoir. REN Jian-ke, Oil and Gas Technology Research Institute of Ptrochina Changqing Oilfield Company, Engineer.
09:45-10:00	109. Research on the Method of Improving Recovery Rate with Well Network Encryption and Large-Scale Measures Transformation in A Block Of Ultra-Low Permeability. FU Xian-ping, Daqing Oil Field Co tenth oil production plant, Senior Engineer, Director.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: TANG Chang-jiu	
10:30-10:45	110. Evaluation of Oil Displacing Agent with Emulsifying/Viscosity Reducing Function for Ordinary Heavy Oil Reservoirs. SHI Jing, Exploration and Development Research Institute of Shengli Oilfield, SINOPEC, Senior Engineer.
10:45-11:00	111. Physical Simulation Experiment of High Quality Steam Flooding on Deep Heavy Oil Reservoir. ZHAO Yan, China University of Petroleum,, Lecturer.
11:00-11:15	112. Study on the Comprehensive Prevention and Control of Water Invasion for Multi-Layer Unconsolidated Water Sandstone Gas Reservoir of Sebei Gas Field. XU Xiao-ling, Qinghai Oilfield Exploration and Development Institute, Engineer.
11:15-11:30	113. Mobility Control to Enhance Oil Recovery in the Field Test After Polymer Flooding. YAN Wei, EOR One Department of Exploration and Development Research Institute of Daqing Oilfield Company Ltd. of CNPC, Senior Engineer.
11:30-11:45	114. Research on the Cyclic CO ₂ Injection Technology for Ordinary Heavy Oil Reservoir. LIU Zu-peng, Research Institute of Geosciences, Shengli Oilfield Company, SINOPEC, Senior Engineer.
11:45-12:00	115. The comparison and study of evaluation methods of application effect of ICD. ZHU Ying-hui, Research Institute of CNOOC Limited Shenzhen, PhD, Engineer.
12:00-14:00	Buffet lunch and Break Time
Session ④ Ultra-Tight Reservoir Morning, 19th September, 2018 (Location:3-2, 3rd Floor, The Shaanxi Great Hall)	
Moderators: ZHANG Ji	
8:00-8:30	116. Study and Application of Low Damage Drilling Fluids for Low Permeability Reservoirs in Shengli Oilfield. LIU Jun-yi, Drilling Engineering and Technology Company, Shengli Petroleum Engineering Corporation Limited of SINOPEC, Postdoctor , Senior Engineer.
8:30-9:00	117. Application of Compound Fracturing Technology of Carbon Dioxide Plus SRV Fracturing in Eastern Ordos Basin. LING Yun, Oil & Gas Technology Research Institute of PetroChina Changqing Oilfield Company , Senior Engineer.
9:00-9:20	118. Multi-stage Hydraulic Fractures Optimum Design for Different Kinds of Cluster Horizontal Wells. LIU Shi-hua, SINOCHEN Exploration and Development Company, Senior Engineer.

9:20-9:40	119. The Integration of Checking Seal and Testing Regulation Of Bridge Concentric Layered Water Injection Technology Research and Application. YANG Ling-zhi, Oil & Gas Technology Research Institute Changqing Oilfield Company, Engineer.
9:40-10:00	120. Study on the Analysis Model of Ultra - low Permeability Reservoir Nodes and Influencing Factors of the Qualification Rate of Stratified Water. HU Gai-xing, Oil & Gas Technology Research Institute Changqing Oilfield Company, Engineer.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: LI Wei	
10:30-10:55	121. Research on Gas Channeling Limit and Adjustment Solution of CO ₂ Flooding. LI Cheng-long, Exploration & Development Research Institute of Daqing Oilfield Company Ltd, Engineer.
10:55-11:20	122. Study on Effective Fracturing Technology for Low Permeable Reservoir in Fault Block Reservoir. WU Hao-bing, Daqing Oilfield Production Engineering & Research Institute, Engineer.
11:20-11:40	123. The Technical Research and Application of Combined Cyclic Water Injection and Shallow Profile Control for Ultra-Low Permeability Oil Field Flat-Straight Joint Well Network. YANG Guang, Daqing Oil Field No.9 Oil Production Plant, Engineer.
11:40-12:00	124. Studay on Treatment and Reuse of Guar Gum Fracturing Flow-back Fluid. MA Zhen-peng, Research Institute of Yanchang Petroleum (Group) CO.LTD, Engineer.
12:00-14:00	Buffet lunch and Break Time
Session ⑤ Unconventional Resources Technology Morning, 19th September, 2018 (Location:3-7, 3rd Floor, The Shaanxi Great Hall)	
8:00-8:20	125. Prediction of the Planar Distribution of Liquid-Rich Hydrocarbons in Duvernay Shale in the West Canadian Sedimentary Basin. ZHU Hou-qin, Research Institute of Petroleum Exploration and Decolpment, Second-Grade Technical Specialist.
8:20-8:40	126. The Mathematical Analysis of Temperature-Pressure-Adsorption Data of Deep Shale Gas. LI Dong, Xi'an Siyuan University, Professor.
8:40-9:00	127. Coalbed Methane Storage and Development Mechanism and Lessons Learned from Exploration and Production Projects. PENG Chao-yang, Professor, Manager of ShanDao Oil and Gas Department, General Manager of Shaanxi Fuerke Oil and Gas Technology co., LTD.
9:00-9:15	128. Research on Multiple Hydrocarbon Migration Mechanisms of Fractured Straight Well Theory for Shale Gas Reservoirs. DU Dian-fa, China University Of Petroleum (East China), Professor.
9:15-9:30	129. Sensitivity Analysis and Stochastic History Matching of Shale Gas Production Based on Embedded Discrete Fracture Model. XUE-Liang, China University Of Petroleum (Beijing), Professor.
9:30-9:45	130. Analysis of Hydrocarbon-Source-Rock Conditions in the Central Paleo-Uplift Belt , Northern Songliao Basin. JIA Wo, Exploration and Development Research Institute of Daqing Oilfield Co. Ltd., Senior Engineer.
9:45-10:00	131. Application of Well Logging in Evaluation of Shale Gas Reservoir. HE Xu-fei, CNPC Logging CO.LTD, Director.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing

Moderators: LI Xian-Wen	
10:30-10:50	132. Application and Characterization Technology of Cleat in Medium Rank Coalbed Methane. QU Liang-chao, Research Institute of Petroleum Exploration & Development of PetroChina, Project Manager.
10:50-11:10	133. Developing Coalbed Methane in Broken-Soft and Low Permeability Coal Seam by Virtual Reservoir Horizontal Wells: A Case Study of Luling Field in Huaibei Mining Area, East China. XU Yao-bo, Xi'an Research Institute of China Coal Technology & Engineering Group Corp, Deputy Researcher.
11:10-11:30	134. The Idea and Application of Seismic Data Denoising in Coalbed Methane Area. QIU Tie-cheng, Geophysical Research Institute, China Oilfield Services Limited, Project Manager.
11:30-11:45	135. Technological Parameters Optimization and Evaluation of CBM Fractured Wells. FENG Qing, China Oilfield Services Limited oilfield production optimization institution, Senior Reservoir Engineer.
11:45-12:00	136. Method and Application of Reservoir Prediction in Shenmu. PAN Yu, Research Institute of Exploration and Development, PetroChina Changqing Oilfield Company, Senior Engineer.
12:00-14:00	Buffet lunch and Break Time
Session ⑥ Oil and Gas Well Testing Morning, 19^h September, 2018 (Location: 3-8, 3rd Floor, The Shaanxi Great Hall)	
Moderators: WANG Hong-feng	
8:00-8:15	137. Log Interpretation Method for Water Flooded Layer with Obvious Heterogeneous Reservoir Character in K Oil Field, Central Asia. LIN Ya-ping, Research Institute of Petroleum Exploration and Development (RIPED), CNPC, Senior Engineer.
8:15-8:30	138. Low Water Injection Profile Logging Technology in Changqing Oilfield. PEI Yang, CNPC Logging Production Center, Engineer.
8:30-8:45	139. Application of Logging Technology in Casing Damage Detection. LI Na, No.9 Oil Production Plant, Daqing Oilfield Co.Ltd, Engineer.
8:45-9:00	140. Research and Application of Time Extrapolation Well Testing Technology in Kela 2 Gas Field. LIU Lei, Research Institute of Exploration and Development, Tarim Oilfield Company, PetroChina, Engineer.
9:00-9:15	141. Improvement and Effect of Well Stratified Pressure Testing Technology in A area. LI Si-cong, Testing & Logging Technology Service Branch of Daqing Oilfield Co., Ltd., Assistant Engineer.
9:15-9:30	142. Development and Application of Second Flow Well Test Interpretation Software. ZHUO Hong, Production Logging Center of CNPC LOGGING CO.LTD. Engineer.
9:30-9:45	143. A Transient Well Test Method for Wellhead Pressure Fall-off Test after Acid Fracturing. CHENG Han-lie, LandOcean Energy Services Co., Ltd, Engineer.
9:45-10:00	144. The Application of Electro Thermal Technology in the Heavy Oil Production Testing. ZENG Qing-hui, Overseas Oilfield EOR Department of Daqing Oilfield LTD., Deputy Chief.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: LV Xiu-mei	
10:30-10:45	145. Evaluation of Wellbore Integrity Logging Method. GOU Shun-chao, Production Logging Center, China Petroleum Logging CO.LTD, Engineer.
10:45-11:00	146. A Design of Magnetic Memory Sensor of Oil Well Casing Damage Detection. SUN Bing-Cai, CNPC Research Institute Of Safety & Environment Technology, Engineer.

11:00-11:15	147. New Method for Identification of Fluid With Log Facies In Maxi Area. PAN Dong, CNPC Well Logging Huabei Bussness Division, Engineer.
11:15-11:30	148. Development and Application of Soluble Downhole Tools. YANG Jun, Changqing Downhole Technology Company, PhD, Engineer.
11:30-11:45	149. Polymer Oil Displacement Profile Control to Choose the Well and The Layer Technology Base On Regional Test Data. DENG Heng-jian, Daqing Logging & Testing Services Company, Engineer.
11:45-12:00	150. Intelligent Judgment of Risks While Gas Drilling. LI Hai-tao, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University. Assistant Experimentalist.
12:00-14:00	Buffet lunch and Break Time
Session ⑦ Geomechanics session Morning, 19th September, 2018 (Location:3-7, 3rd Floor, The Shaanxi Great Hall)	
Moderators: SUN Zhi-yu	
8:00-8:20	151. The Prediction and Mitigation of S8 Deposition in a Sour Gas Field Development Jianjiang Lv, CDB, Subsurface Team Lead
8:20-8:40	152. Application Of Geomechanics Study In Unconventional Reservoir Stimulation: A Case Study From Yingxi Deep Tight Oil Reservoir. HUANG Xing-ning, CNPCUSA Corporation, Senior Engineer.
8:40-9:00	153. Research and Application of Deep Well In-Situ Stress Measurement and Modeling Technology in Daqing Xushen Gas Field. YANG Yong, Drilling Engineering Technology Research Institute, Daqing Oilfield Co.Ltd. ,Senior Engineer.
9:00-9:20	154. Characteristics of Present-Day Crustal Stress in Junggar Basin and its Guidance for Oilfield Development. ZHOU Bo, Research Institute of Experiment Detection, PetroChina Xinjiang Oilfield Company, Engineer.
9:20-9:40	155. Study on the Current Situation and Influencing Factors of Shed Damage in S Oilfield. PAN Yi-min, No.8 Oil Production Plant, PetroChina Daqing Oilfield Co., Engineer.
9:40-10:00	156. Study on Long Term Retention of Crosslinked Polymer in Core Pores. LI Hong-sheng, Exploration and Development Research Institute of Henan Oilfield Company, Senior Engineer.
10:00-10:30	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: LV Jian-jiang	
10:30-10:50	157. Study and Application of Well Seismic Combined Fault in the Stage of Two Types of Oil Reservoirs in the Middle Block of the South One Region. MA Jin-jiang, Geological Brigade in No.1 Oil Production Company of Daqing Oilfield Limited Company, Assistant Engineer.
10:50-11:10	158. Research on Optimization of Elasticity and Toughness Cement Slurry System under Alternating Stress. HUANG Hai-hong, Engineering Technology Research Institute of Huabei Oilfield Company, Engineer.
11:10-11:30	159. A CFD-DEM Numerical Study of Lost Circulation Material Particles Transport in Real Fractures. FENG Yi, Southwest Petroleum University, PhD student.
11:30-11:45	160. The Effect of Packer on the Fracture Initiation in Open-Hole Horizontal Well. XU Hong-xing, CCDC Changqing Down Hole Technology Company, Engineer.
11:45-12:00	161. New Technology Application to Improve Efficiency of Well Intervention Activities in

	Sichuan Basin, China Xin Tony Zheng , CDB,Drilling Engineer
12:00-14:00	Buffet Dinner
Afternoon, 19th September, 2018	
Session ① Reservoir Surveillance and Management Morning, 19th September, 2018 (Location:3-1, 3rd Floor, The Shaanxi Great Hall)	
Moderators: LI Zheng-ke	
14:00-14:20	162.Study on the Geochemical Monitoring Method of Two Sets of Oil Layers in the Outer Oilfield of Western Changyuan, Daqing. WANG Xin-qiang, No. 9 Oil Production Plant of Daqing Oil Field Company Ltd, Chief Geologist.
14:20-14:40	163.Innovative application of Big Data Technology in Southwest Pipeline Information System. WANG Heng-bin, Huabei Petroleum Communication Co., Ltd, Secondary Technical Expert.
14:40-15:00	164. Optimizing the development strategy for CNPC Chad Block H using Merak Capital Planning. WANG Zuo-qian, Research Institute of Petroleum Exploration and Development, PetroChina. Senior Engineer.
15:00-15:15	165. Mudstone Capping Capability Based on Diffusion Experimental Technique --Taking the Mudstone in the Northern Songliao Basin As An Example. QU Bin, Exploration and Exploitation Research Institute of DQ Oilfield company Ltd, Senior Engineer.
15:15-15:30	166. Design and Implementation of New Probe for Eccentric Downhole NMR Logging Tool. HOU Xue-li, Technology Center, China Petroleum Logging Co. Ltd., Engineer.
15:30-16:00	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: WANG Xin-qiang	
16:00-16:20	167. Logging Evaluation Method of Middle Deep Formation in The Oil Field of Da Wang Zhuang. YANG Xiao-dong, CNPC Well Logging Huabei Bussness Division, Engineer.
16:20-16:40	168. New Development of Onsite QC for High-Efficiency Seismic Data Acquisition. LIU Xiao-long, BGP.
16:40-17:00	169. Application of Dual Probe Correlation Logging Technology in North China. ZHAO Lu-yang, CNPC Well Logging Huabei Bussness Division, Engineer.
17:00-17:15	170. Monitoring Steam Chamber Evolution during SAGD Process by DAS and DTS. DUAN Sheng-nan, CNPC Engineering Technology Research Institute of Xinjiang Oilfield Company, Engineer.
17:15-17:30	171. South of Bohai Sea Marginal Oilfield Low-cost Production Technology Research and Practice. HE Bin, Tianjin Branch of CNOOC Ltd, Engineer.
17:30-17:45	172. CO ₂ Flooding Technology for Low Permeability Sandstone Reservoir of Changqing Oilfield. WANG Shi-tou, Oil & Gas Technology Research Institute of Changqing Oilfield Company, Engineer.
17:45-18:00	173. Analysis of Well Decline and Influence Factors in Tazhong no.1 Gas Field. ZHANG Shao-wei, Exploration and Development Research Institute, Petrochina Tarim Oilfield Company, Engineer.
18:00-20:00	Dineer buffet
② Reservoir Evaluation and Dynamic Description	

Afternoon, 19th September, 2018 (Location: 3-3, 3rd Floor, The Shaanxi Great Hall)	
Moderators: SUN He-dong	
14:00-14:15	174. Three-dimensional Reconstruction of Fractures in Underground Carbonate Rocks. LI Gao, State Key Laboratory of Oil & Gas Reservoir Geology and Exploitation, Southwest Petroleum University, Professor & Vice-president.
14:15-14:30	175. Application Of SP Geo-statistical Inversion In The Reservoir Prediction Of Dqcy Oilfield. ZHU Quan, Daqing Oilfield E&D Research Institute, Senior Engineer.
14:30-14:45	176. Dynamic Analysis of "Net Blanket Oil And Gas Accumulation" in Chengdao Oilfield. FAN Chang-jiang, Research Institute of Yanchang Petroleum(Group)CO.LTD, Senior Engineer.
14:45-15:00	177. The main controls of Chang-8 oil reservoir of Yanchang Formation in An area, Central-North of Ordos Basin. CHEN Shou-min, Geological Research Institute of No.3 Oil Production Plant of Changqing Oilfield Branch, Senior Engineer.
15:00-15:15	178. Deliverability Evaluation on Horizontal Well with DHC in Tight Sandstone Gas Reservoir. XU Yun-dong, Research Institute of Exploration and Development of Changqing Oilfield Company, National Engineering Laboratory for Low-Permeability Petroleum Exploration and Development, Director.
15:15-15:30	179. Geologic Features and Prediction of Thief Zones in Carbonates: A Case Study of the Khasib Formation, D Oilfield, Iraq. DENG Ya, PetroChina Research Institute of Petroleum Exploration & Development, Engineer.
15:30-16:00	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: LI Gao	
16:00-16:15	180. Identification Method and Application of Asphaltic Zones in Bioclastic Limestone Reservoir: A Case Study of Ru3 Reservoir of Ahdeb Field, Iraq. TIAN Zhong-yuan, Petrochina Research Institute of Petroleum Exploration & Development, Second-Grade Specialist, Director.
16:15-16:30	181. Optimal for Calculating Method about Gas Deviation Factor in the Middle Permian Gas Reservoir with Micro H ₂ S of The Northwest Sichuan Basin. ZHOU Ji-chun, Northwest Division of Petrochina Southwest Oil & Gas Field Company, Engineer.
16:30-16:45	182. Research on Water Breakthrough Mechanism of Horizontal Wells in Multi-layer Unconsolidated Sandstone Gas Reservoir: A case study from the Tainan Gas Field. Qaidam Basin. GU Duan-yang, Drilling and Production Technology Research Institute of Qinghai Oilfield Company, PetroChina, Engineer.
16:45-17:00	183. Application of Structural Description Method Using Well-Seismic Match in LMD Block. HUANG Yong, Research Institute of Exploration and Development of Daqing Oilfield, Senior Engineer.
17:00-17:15	184. A Novel Method To Evaluate The Well Pattern Infilling Potential For Water Flooding Reservoirs. FENG Jin-de, RIPED CNPC, Senior Engineer.
17:15-17:30	185. Analysis of Well-Seismic Petrol Geology Modeling in Depth or Time. WANG Jin-ying, No.1 Oil Production Plant, PetroChina Daqing Oilfield Company, Daqing, Senior Engineer.
17:30-17:45	186. Sedimentary Forward Simulation and 3D Geomodel of Fan Delta. XU Wei, CNOOC Research Institute, Engineer.
17:45-18:00	187. Study on Coal Forming Process and Coal Seam Distribution Controlled by the 4th-Order

	Sequence——A Case Study of T Block, the South Turgay Basin, Kazakhstan. YI Wei, PetroChina Research Institute of Petroleum Exploration & Development, CNPC, Senior Engineer.
18:00-20:00	Dineer buffet
③ Reservoir Production Stimulation and EOR Afternoon, 19th September, 2018 (Location: 3-6, 3rd Floor, The Shaanxi Great Hall)	
Moderators: GAO Yan	
14:00-14:15	188. Fewer Well with Higher Production Pattern and High-Efficient Development of Metamorphic Reservoirs. CHEN Ming-qiang, Xi'an Shiyou University, Professor.
14:15-14:30	189. Small-Displacement Acidizing Matching Technology to Increase Production and Injection YANG Qi, Research Institute of Petroleum Engineering Technology of Henan Oilfield Branch Company Sinopec, Associate Researcher.
14:30-14:45	190. The Simulation Method Research of Hydraulic Fracture Initiation with Perforations. FU Hai-feng, Petrochina Research Insititute Of Petroleum Exploration and Development, Vice Director.
14:45-15:00	191. Feasibility Study On Improved Shale-Oil Recovery By Gas Injection. MEI Hai-yan, College of Petroleum and Natural Gas Engineering, Researcher.
15:00-15:15	192. A New Zoning Method for Integral Cyclic Steam Stimulation in Heavy Oil Reservoirs. YANG Yan-xia, Petroleum Exploration and Development Research Institute of Shengli Oilfield Company, Senior Engineer.
15:15-15:30	193. Stress Analysis of Sand Particles in Separators in Downhole Oil/Water Separation and Reinjection System Based on Coupled CFD-DEM. ZHANG Yan, Northeast Petroleum University, Senior Engineer.
15:30-16:00	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: FU Hai-feng	
16:00-16:15	194. Optimization Design and Application of Vortex Drainage Gas Recovery. CAI Meng, Production and Engineering Research Institute of Daqing Oilfield, General Engineer.
16:15-16:30	195. Development and Application of High Efficiency Oil Displacement Model of Fracturing Fluid. GAO Yan, Changqing Downhole Technology Operating Company, Chuanqing Drilling Engineering Limited Company, Director.
16:30-16:45	196. Rheological Properties of Foamed Fracturing Fluid Based on Viscoelastic Surfactant. GUAN Bao-shan, Research & Service Center of Fracturing & Acidizing Technology, Secretary.
16:45-17:00	197. Microbial Anti-Corrosion Technology of Oilwell And Microbial Oil Wastewater Treatment Technology of Oilfield. WU Wei-lin, Petroleum Engineering Technology Research Institute, Jiangsu Oilfield.
17:00-17:15	198. Study on the Technical Limits of Water Injection Development for Fractured Wells in Low Permeable Reservoirs. ZHU Jing-wei, No.8 Oil Production Plant of Daqing Oilfield Co., Engineer.
17:15-17:30	199. Study on the Method of EOR by Chemical Flooding after Strong Base ASP Flooding. RAN Fa-jiang, No.4 Oil Production Plant of Daqing Oilfield Co., Senior Engineer.
17:30-17:45	200. Water Cut Changing Rules After Liquid Rate Increasing In Carbonate Reservoirs. YANG Ren-feng, CNOOC Research Institute, Engineer.
17:45-18:00	201. Study on Water Detection and Plugging with Mechanical Laying for Horizontal Wells. ZHANG Hai-jun, No.8 Oil Production Company, Daqing Oilfield Co., Ltd., Senior Engineer.

18:00-20:00	Dineer buffet
10:00-10:30	Coffee Break and Free Exchanges
④ Ultra-Tight Reservoir Afternoon, 19th September, 2018 (Location: 3-2, 3rd Floor, The Shaanxi Great Hall)	
Moderators: XU Ning	
14:00-14:25	202. The Test and Application of The Stable Production Sidetrack Drilling New Technology in Low Maturing Field. WANG Yong-ming, Oil & Gas Technology Institute, PetroChina Changqing Oilfield Company, Senior Engineer.
14:25-14:50	203. The Nonlinear Flow Analytical Model And Its Field Use. JIA Hong-bing, The E&D Research Institute of Daqing Oilfield Company Ltd, Senior Engineer.
14:50-15:10	204. The Study on Well Pattern Adjustment in Chang4+5 Reservoir of H154 Block. MA Li, Exploration and Development Research Institute of Petrochina Changqing Oilfield Company, Engineer.
15:10-15:30	205. Prediction of Crack Development and Stability Evaluation of H Experimental Zone in the FuYang Reservoir of XingBei. YU Wen, No.4 Oil Production Company, Daqing Oilfield, CNPC, Engineer & Deputy Director.
15:30-16:00	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: WU Zhong-bao	
16:00-16:25	206. Well Pattern Arrangement for Low-abundance Sandstone Oilfield. LI Xing-wei, Exploration and Development Research Institute of Daqing Oilfield Company Ltd, Senior Engineer.
16:25-16:50	207. Research on Variation Law of Water Absorption Capacity in Acidification of Ultra-low Permeability Reservoirs. WU Wen-chao, Shanxi Ming De Petroleum Technology Limited Company, Engineer.
16:50-17:15	208. Further Recognition of Deliverability Test in Low Permeability Reservoir in Eastern South China Sea. LUO Qi-yuan, Shenzhen Branch of CNOOC Ltd., Engineer.
17:15-17:40	209. A Novel Method of Refracturing Well Screen based on Multi factor Association System. ZHAN Yao-hua, China University of Petroleum.
17:40-20:00	Dineer buffet
⑤ Unconventional Oil and Gas Resources Technology Afternoon, 19th September, 2018 (Location: 3-7, 3rd Floor, The Shaanxi Great Hall)	
Moderators: WANG Wei-hong	
14:00-14:20	210. The Thermal-hydro Coupling Mechanism and Numerical Simulation of Enhanced Geothermal Systems. JIANG Rui-zhong, China University of Petroleum(East China), Professor.
14:20-14:40	211. A Method to Predict Gas-Bearing Property of Tight Sandstone by Attribute Difference Of Partially Superimposed Data Based on AVO. BI Ming-bo, BGP, CNPC, Senior Engineer.
14:40-15:00	212. Research On Physical Simulated Experimental Method Ana Application of Huff-puff Imbibition Recovery for Tight Oil Reservoirs. LI Bin-hui, Research Institute of Exploration and Development, Daqing Oil-field Co. Ltd, Senior Engineer.

15:00-15:15	213. Reservoir Characteristics of Metamorphic rock gas reservoir in Pingxi Area, Qaidam Basin. XIA Zhi-yuan, PetroChina Hangzhou Research Institute of Petroleum, Engineer.
15:15-15:30	214. Numerical Simulation Study on Multi-Section Fracturing Horizontal Well in Shale Gas Reservoirs based on Finite Volume Method. TANG Chao, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation Southwest Petroleum University, Doctoral Candidate.
15:30-16:00	Coffee Break and ePoster Session for Knowledge Sharing
Moderators: ZHU Hou-qin	
16:00-16:15	215. Experimental Simulation and Flow Field Analysis of Rotary-Impact Secondary Crushing of Gas Hydrate. WANG Guo-rong, Southwest petroleum university, Postgraduate.
16:15-16:30	216. Study on Stress Sensitivity Mechanism from Shale Microstructure. ZHANG Wen-tong, State Key Laboratory of the Ministry of Education of Petroleum Engineering, China University of Petroleum, Beijing.
16:30-16:45	217. Horizontal Well Technology of Tight Reservoirs with Coal Seams in Fangzheng Fault Depression. WU Jing-feng, College of Earth Sciences, Northeast Petroleum University.
16:45-17:00	218. Discussion on KCl Removal in Coalbed Methane Fracturing Fluid. LI Xue-qin, CBM Exploration and Development Branch of Petrochina, Engineer.
17:00-17:20	219. Prediction of Hydrate Formation and Decomposition in the Production of Water-Bearing Gas Reservoir in Deep Water. WEI Na, State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation, Southwest Petroleum University, Vice Professor.
17:20-17:40	220. Numerical Simulation of Zipper Fracturing in Horizontal Wells Based on Extended Finite Element. FENG Qi-hong, School of Petroleum Engineering, China University of Petroleum (East China), Professor, Doctoral Supervisor.
17:40-18:00	221. Influence of Effective Stress on Permeability of Fracturing Fractures of Anthracite Coal Reservoir. LIU Shi-qi, Low Carbon Energy Institute, China University of Mining and Technology, Associate Researcher.
18:00-20:00	Dineer buffet
Morning, 20th September, 2018	
Session ① Reservoir Surveillance and Management	
Morning, 20th September, 2018	
(Location:3-1, 3rd Floor, The Shaanxi Great Hall)	
Moderators: WEI Xin-jian	
8:00-8:20	222. Sample Treatment Technology for Detecting Trace Metal Elements in Crude Oil. BAI Feng-you, Daqing Oilfield Exploration and Development Research Institute, Senior Engineer.
8:20-8:40	223. R&D and Application Of Crude Oil Development Plan Tracking System Based On The Big Data. WANG Xiao-lin, PetroChina Research Institute of Petroleum Exploration & Development, Deputy Director.
8:40-9:00	224. New Anpplication of Phase Behavoir Study with Rich Gaseous Condensate Water. ZHU Yan-jie, CNOOC Shenzhen Branch Company, Engineer.
9:00-9:20	225. The Method of Using Permeability to Simulate the Psedo-Capillary Pressure Curves and Pore Throat Structure and Its Application.

	BAI Sha, CNPC Well Logging Huabei Business Division, Engineer.
9:20-9:40	226. Research on the Comprehensive Application of Arps and Water Drive in PD Evaluation of Y4 Reservoir. LI Mei-xiang, Research Institute of Exploration and Development, Tarim Oilfield Company, Senior Engineer.
9:40-10:00	227. Experimental Study of Transient Electromagnetic Resistivity Logging Through Casing. LIU Si-hui , Sinopec Shengli Oilfield Logging CO. LTD. , Engineer.
10:00-10:30	Coffee Break and Free Exchanges
Moderators: WANG Xiao-lin	
10:30-10:50	228. In the Micro Earthquake in Well and Dipole Acoustic Well Logging Comprehensive Evaluation Of Fracturing Effect. WEN Rou, China Petroleum Logging CO. LTD., Engineer.
10:50-11:10	229. Downhole Vibration/Temperature Measurement Based on Weak Fiber Bragg Grating Array. MEI Zhi-hui, Wuhan University of Technology, Postgraduate.
11:10-11:30	230. The Application of Fiber Optic Monitoring Technology in the Interpretation of the Production Profile of Steam Stimulation Well. WANG Ning-bo, CNPC Engineering Technology Research Institute of Xinjiang Oilfield Company, Engineer.
11:30-11:45	231. Logging Data Types That Effectively Guide the Adjustment of Measures for Water Control and Efficiency Improvement. WANG Tian-yu, Logging and Testing Technical Service Company of Daqing Oilfield Company, Engineer .
11:45-12:00	232. A New Approach Using Piezoelectric Elements Network. Wu Dan, Xi'an Shiyu University, Lecturer.
12:00---	End of Conference
Session ② Reservoir Evaluation and Dynamic Description Morning, 20th September, 2018 (Location:3-3, 3rd Floor, The Shaanxi Great Hall)	
Moderators: LIAN-Zhang-gui	
8:00-8:15	233. A New Classification Method for Low Permeability Reservoir ----Taking Jidong Low Permeability Block as an Example. WANG Qun-Yi, Research Institute Of Petrochina Jidong Oilfield Exploration and Development, Chief Engineer.
8:15-8:30	234. Interlayer Mode in the Bottom Water Reservoir and the Controlling Effect on Fluid ---- A Case Study of HD4-35 Region of Hudson Oilfield in Tarim Basin. RAN Li-jun, Research Institute of Exploration and Development Of Tarim Oilfield, Senior Staff Engineer.
8:30-8:45	235. Establishment and Application of Inter-Well Connectivity Model for Strong Edge-Bottom Water Reservoir in Ecuador. LI Jian,Petrochina Research Institute of Petroleum Exploration & Development, PetroChina Co Ltd.,Senior Engineer.
8:45-9:00	236. Tight Thin-Bed Reservoir Prediction in Songnan Area. ZHANG Shuang-jie, Geophysical Exploration Research Institute of JiLin Oil Field, Engineer.
9:00-9:15	237. A New Method to Calculate Well Pattern Productivity In Carbonate Reservoir. LIU Hai-long, Exploration and Production Research Institute, Sinopec, Engineer.
9:15-9:30	238. Comparison of 3D Geological Modeling Methods for Thin Interbedded Sandstone Reservoirs:A Case Study of West Tuzkol Oilfield in South Turgai Basin. ZHAO Yang, China National Oil and Gas Exploration and Development Corporation.

9:30-9:45	239. Study on Calculation Method of High-Pressure Physical Parameters of Formation Oil in P Oilfield, Bohai Bay Basin . WANG Yong-hui, CNOOC (China) Co., Ltd. Tianjin Branch Bohai Petroleum Institute, Engineer.
9:45-10:00	240. A new method for calculating dimensionless liquid production index curve by dynamic data. LIU Chen, State Key Laborator of Offshore Oil Exploitation, China National Offshore Oil Corporation, Engineer.
10:00-10:30	Coffee Break and Free Exchanges
Moderators: DONG Wei	
10:30-10:45	241. A Comprehensive Approach for Fracability Evaluation in Naturally Fractured Sandstone Reservoirs: A Case Study in the Yingcheng Formation, Jinshan Gas Field, Songliao Basin, China. YANG Zhao-zhong, Southwest Petroleum University, Professor.
10:45-11:00	242. A New Model for the Saturation Calculation Of Low-Permeability Conglomerate Reservoir &dash: A Case Study of Baikouquan Formation in Mahu Sag, Junggar Basin. ZHANG Lei, Southwest Petroleum University, Postgraduate.
11:00-11:15	243. Study on Sedimentary Microfacies and Target Selection of Dujiatai Oil Reservoir Group in Western Sag Slope Transition Zone of Liaohe Depression. WANG Jia-lin, Liaohe Oil Field Company Exploration Company, Deputy Chief.
11:15-11:30	244. Research and Application of Experimental Technologies for Evaluating Oil-bearing Property of Clastic Reservoir. GUO Hui-ying, Experiment and Research Institute, Xinjiang Oil Field Co. Engineer.
11:30-11:45	245. Study on Internal Architecture and Remaining Oil in Braided River Reservoir BAI Zhen-qiang, Exploration & Development Research Institute of Daqing Oilfield, Senior Engineer.
11:45-11:20	246. Diagenesis and Diagenetic Simulation of Paleogene Clastic Reservoir in Bozhong Depression, China. QIAN Wen-dao, Yangtze University, PHD student.
12:00---	End of Conference
Session ③ Enhanced Oil Recovery Technology	
Morning, 20th September, 2018	
(Location: 3-6, 3rd Floor, The Shaanxi Great Hall)	
Moderators: ZHAO Qing-hui	
8:00-8:15	247. Application of Rod Pumping Unit in Block T of Andes Which is Old Oilfield with High Water Cut. ZHANG Hai-kuan, International Latin-America Ecuador Ltd. CNPC, Senior Engineer.
8:15-8:30	248. Research on Sand Control Technology for Sand Control in High Porosity and High Permeability Sandstone Reservoir with Complex Fault Block. SONG Xue-zhi, Dagang Oil Field Company Fifth Oil Production Plant, Engineer.
8:30-8:45	249. Green and Highly Efficient Heterogeneous Chemical Flooding Technology. JIANG Zu-ming, Shengli oil field exploration and Development Research Institute, Senior Engineer.
8:45-9:00	250. Dual-hollow Rod Thermal Recycling Parameters Optimized Design and Application. JIANG Li, Henan Oilfield PETRI, SINOPEC, Senior Engineer.
9:00-9:15	251. Rheology study on super high molecular weight copolymer under the conditions of high calcium and magnesium. XU Hui, Shengli oil field of Sinopec Exploration and Development Research Institute, Senior Engineer.

9:15-9:30	252. Adaptability and Industrial Application of MRC Formation Reconstruction for Producing Horizontal Well. LI Wei, CNOOC China Limited, Shenzhen Branch, Engineer.
9:30-9:45	253. Research and Field Test of Anti Scale Electric Submersible Pump of Three Component Compound Flooding. WANG Hong-hai, Oil Production Engineering Research Institute of Daqing Oil Field Co., Senior Engineer.
9:45-10:00	254. Precise Fracturing Technology for Transition zone of Sandstone Reservoir. WANG Wen-jun, No.3 Oil Production Plant of Daqing Oilfield Company Ltd, Senior Engineer.
10:00-10:30	Coffee Break and Free Exchanges
Moderators: YANG Chang-hua	
10:30-10:45	255. The Orbital Design and Count of Complex Structural Wells and the Drawing Software. SUN Yan-chao, Lanzhou City University, Engineer.
10:45-11:00	256. A New Method for Analysis of Shearing Fracture in Unconventional Reservoirs. ZHANG Zi-wei, College of Energy, Chengdu University of Technology, PhD student.
11:00-11:15	257. Study on SAGD Steam and Solvent Combined Cycle Start-Up Technology in NEXEN Heavy Oil Field. SUN Jun, CNOOC EnerTech-Drilling & Production Co, Engineer.
11:15-11:30	258. Recognition of Polysurfactant Flooding Result for The Main Layer in Xingbei Reservoir. LIU Xin-cang, Experiment Unit of No.4 Oil Production Company, Senior Engineer.
11:30-11:45	259. Experimental Study on Porosity and Conductivity of Proppant for Fracturing. CHEN Qing-dong, CNOOC Energy Technology & Services Limited, Engineer.
11:45-12:00	260. Study on the Effect of Reservoir Heterogeneity on Air Foam Flooding. LI Hua-hua, Petroleum Exploration and Development Research Institute of PetroChina Changqing Oilfield Company, Engineer.
12:00---	End of Conference
Session ⑤ Unconventional Resources Technology	
Morning, 20th September, 2018	
(Location: 3-7, 3rd Floor, The Shaanxi Great Hall)	
Moderators: DOU liang-bin	
8:00-8:20	261. Research on Full Scale Pore Size and Gas Content Characteristics of Shales. Shen Rui, China National Petroleum Corp.(CNPC), Langfang, P.R.CHINA, Deputy Director.
8:20-8:40	262. Mechanisms of Shear Failure near Fracture Face during Drainage Process in Coalbed Methane Reservoir. YANG Yu, Chengdu University of Technology, Professor.
8:40-9:00	263. A Study of the Resistivity Anisotropy of Lower Silurian Longmaxi Shale in the Southeastern Sichuan Basin of China. WU Feng, School of Geoscience and Technology, Lecturer.
9:00-9:20	264. Pre-stack P&S Wave Joint Inversion and Fluid Prediction in Shale oil Reservoir. ZHANG Yu-jie, China Earthquake Disaster Prevention Center, Research Assistant.
9:20-9:40	265. Experimental Study on Fracture Propagation of Liquefied CO ₂ of High Rank Coal. JIA Yuan-zhao, Engineering Technology Research Institute of Huabei Oilfield Co. Engineer.
9:40-10:00	266. The Genesis Study and Quantitative Characterization of Nanopores in Anthracite Coals Based on FE-SEM and Image Processing. ZHAO Di-fei, China University of Mining & Technology, PhD student.
10:00-10:30	Coffee Break and Free Exchanges
Moderators: SHEN Rui	

10:30-10:45	267. Evaluation of Shale Gas Resource Potential in Devonian-Carboniferous of Yaziluo Region. LIU Ya-zhao, Wuxi Research Institute of Petroleum Geology, SINOPEC, Deputy Director
10:45-11:00	268. Feasibility Discussion on Underground Coal Gasification in the Northwestern Margin of Junggar Basin. Kannizhati, Engineering Technology Institute of Xinjiang Oilfield Company, Engineer.
11:00-11:15	269. Well Pattern Optimization for In-situ Conversion Process in Shale Oil Reservoirs. WU Yong-bin, RIPED, PETROCHINA, Senior Engineer.
11:15-11:30	270. Study on the Mechanism and Application of Chlorine Dioxide Blocking and Plugging Mechanism of Coal Bed Gas Well. LIAN Xiao-hua, Hanxi CBM Exploration And Development Subsidiary Company Of Petrochina, Engineer.
11:30-11:45	271. Study on Microscopic Pore Structure Characteristics of Longmaxi Formation Shale in Southeast Chongqing. CHANG Jia-qi, State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum (Beijing).
11:45-12:00	272. Experimental Study on Dynamic Contact Angle of Fluid-Liquid Displacement in Microscale Capillaries. WEN Meng-gang, School of Chemical Engineering and Technology, Xi 'an JiaoTong University, PhD student.
12:00-	End of Conference
Session © Geophysical Monitoring Technology of Oil and Gas Reservoirs	
Morning, 20th September, 2018	
(Location:3-8, 3rd Floor, The Shaanxi Great Hall)	
Moderators: LI Wei-qin	
8:00-8:20	273. Stratigraphic Sedimentary Pattern Characterization Based on Seismic Stratigraphic Volume. CHEN Mao-shan, Bureau of Geophysical Prospecting INC., China National Petroleum Corporation, Professor of Engineering.
8:20-8:40	274. High Frequency Compensation Method of Seismic Data Based on Adaptive Generalized S Transform. LI Hui-feng, School of Geoscience and Engineering, Xi 'an Shiyou University, PHD, Professor.
8:40-9:00	275. Effective Quantitative Evaluation and Application of Seismic Attributes. FAN Chang-jiang, the Research Institute of Petroleum Exploration and Development, Senior Engineer.
9:00-9:15	276. The Research of Optimization and Visualization of Sources and Receivers in Complex Areas. WANG Han-jun, Bureau of Geophysical Prospecting INC., China National Petroleum Corporation, Chief Engineer, Tech leader.
9:15-9:30	277. The Technology of Evaluating Seismic Acquisition Quality in Complex Area and its Application. WEI Xin-jian, Research Institute of Petroleum Exploration & Development-NorthWest(NWGI), PetroChina, Director.
9:30-9:45	278. Based on the Development of Tight Oil Wide Azimuth 3D Seismic Acquisition Technology for Combined Excitation of Well Gun and Vibroseis Incomplex Loess Tableland. ZHANG Peng, BGP Chang Qing Division, Deputy Director.
9:45-10:00	279. Application of Micro Seismic monitoring in well Combining 3D Seismic Interpretation. XU Hai-feng, Liaohe Geophysical Prospecting, Deputy Director.
10:00-10:30	Coffee Break and Free Exchanges

Moderators: CHEN Mao-shan	
10:30-10:50	280. CO ₂ Sequestration Electromagnetic Imaging Based on Nanoparticle Imaging and Casing Excitation. LI Wei-qin, Southwest Petroleum University, Director.
10:50-11:10	281. The Application of the Magnetic Method to Monitor In-situ Combustion Front in Heavy Oil Reservoir. WANG Ru-yan, Engineering Technology Institute of Xinjiang Oilfield Company, Senior Engineer.
11:10-11:30	282. Application of AVO in Prediction of Tight Gas-Bearing Reservoirs and Optimization of Horizontal Well Trajectory. QIN De-wen, Shanghai Branch of CNOOC(China) Ltd, Senior Geophysical Engineer.
11:30-11:45	283. Application Exploration of Time-Frequency Electromagnetic in the Complex Geological Structure of Western Margin of Erdos Basin. CAO Yang, Bureau of Geophysical Prospecting INC.,China National Petroleum Corporation, Engineer.
11:45-12:00	284. A Simulation Experimental Method for Ultrasonic Doppler Monitoring With Drilling Gas Invasion. LUO Fang-wei, CNPC Research Institute of Safety & Environment Technology, Director.
12:00-	End of Conference
Session ⑨ Fracture-Vuggy Reservoir Development Technology	
Morning, 20th September, 2018	
(Location:3-2, 3rd Floor, The Shaanxi Great Hall)	
8:00-9:30	285. Pressure Transient Behavior of Horizontal Wells Intersecting Multiple Hydraulic Fractures in Naturally Fractured Reservoirs Fikri J. Kuchuk, Academician of American Academy of Engineering, Academician of Russian Academy of Sciences, Chief Reservoir Engineering Expert of Schlumberger Company, Internationally Renowned Reservoir Engineering Expert.
9:30-10:00	286. Description of microscopic characteristics of triple-medium in complex gas reservoirs and analysis of seepage law. PENG Xian, Exploration and Development Research Institute of PetroChina Southwest Oil & GasField Company, Vice President.
10:00-10:30	Coffee Break and Free Exchanges
Moderators: PENG Xian	
10:30-10:50	287. Well Test and Tracer Monitoring Technology for Naturally Fractured Vuggy Reservoirs LIN Jia-en, Xi'an Shiyou University, Professor.
10:50-11:10	288. A Numerical Well Testing Model in Multi-media Carbonate Reservoirs and Its Application. CHEN Fang-fang, Research Institute of Exploration and Development, Senior Engineer, Deputy Director of Development Institute.
11:10-11:30	289. Study on Channel Identification and Quantitative Characterization of Fractured Vuggy Reservoir. Shu Zheng, Southwest Petroleum University, Associate Professor.
11:30-11:45	290. Mathematical Model and Parameters Analysis for Water Invasion in Fracture-Porosity Reservoir. CHEN Xian-chao, Chengdu University of Technology, Lecturer.
11:45-12:00	291. Practice and Problems of EOR by Nitrogen Injection in Carbonate. HE Long,Northwest Oil Field Branch of Sinopec,Senior Engineer
12:00-	End of Conference

Dynamic Workshop on Advanced Technology of Reservoir Rock Physics

Morning, 20th September, 2018

(Location:3-9, 3rd Floor, The Shaanxi Great Hall)

8:00-11:30	<p>Main Contents:</p> <p>1- Carbonates flow unites and flow zone indicator from core</p> <p>2- Capillary pressure modeling based on rock type (saturation height function above free water level)</p> <p>3- Rock typing from core and logs in carbonates</p> <p>4- Permeability determination from core and logs based on rock type in carbonates</p> <p>5- Archie parameters (m and n) estimations based on rock types (Variable m and n for vug and fracture) from core in carbonates</p>
	<p>Keynote Speaker: Richard Smith is a Licensed Professional Petroleum Engineer with 40 years' experience in many world locations. Hired as Director of Subsurface, he was the Reserves Manager for five years for Maersk Oil in Denmark. From 2003 to 2009, he worked in Abu Dhabi on Zakum Field as a senior advisor and a simulation and integration specialist and in Kuwait North Fields as an expert on best practice reservoir management. Twelve years in Venezuela focused on field development and high pressure miscible gas floods. He is published in the SPE and SPE Reservoir Evaluation and Engineering Magazine.</p>

Epouser Session for Knowledge Sharing

(Location: Exhibition Hall, 1st Floor, Shaanxi Guesthouse)

Morning, 18th September, 2018

10:00-10:30	Knowledge Sharing ePoster Station 1	1) Study on Identification and Development Pattern of Advantage channels. ZHU Qi, China University of Petroleum (East China) , Graduate Student.
		2) Magnetotelluric Two - Dimensional Forward Modeling Based on Adaptive Finite Element of Cubic Interpolation. FENG Kai, Institute of Geophysics of Chengdu University of Technology , Graduate Student.
	Knowledge Sharing ePoster Station 2	3) Characteristics of Remaining Oil Influenced By Change of Clay Mineral Composition in ASP Flooding LIANG Yingjie, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences.
		4) Properties of Emulsion In-Situ Formed In Heavy Oil Reservoir During Water Flooding: Effects Of Salinity And Ph. SHEN Chao, Southwest Petroleum University
		5) Research and Application of Intelligent Separate Layer Production Technology for Producers WANG Che,Northeast Petroleum University
	Knowledge Sharing ePoster Station 3	6) New Low Permeability Model of Deformed Triple Medium and Production Capacity Analysis. HUA Jing, China University of Petroleum (east China) , Graduate Student.
		7) A Practical Method to Predict the Formation Pressure and Deliverability Equation of Gas Reservoir. LIU Zhen-ping, PetroChina Xinjiang Oilfield Company, Graduate Student.
	Knowledge	8) Key Factors in Shale Oil Enrichment —A case study of the Upper Cretaceous

	Sharing ePoster Station 4	Qingshankou Formation, Northern Songliao Basin. ZHANG Jin-you, Exploration and Development Research Institute of Daqing Oilfield Co Ltd., Graduate Student.
		9) Experimental study on effect of bedding dip angle on mechanical properties of shale in supercritical carbon dioxide. BAI Bing, School of Petroleum Engineering, China University of Petroleum (East China).
		10) Characterization and Construction of Kerogen Structure in Chinese Cambrian Shale. HUANG Liang, China University of Petroleum (Beijing), PhD student.
	Knowledge Sharing ePoster Station 5	11) Analysis and Evaluation of Hydraulic Fracturing Effect Based on Micro-seismic Monitoring Technology. XIE Qi-feng, Department of Geological Engineering, School of Geosciences and Information Physics, Central South University.
		12) For the Optimization of Oil and Shale Conventional Oil and Gas Reservoirs. ZHANG Yi-chang, Lanzhou City University.
		13) Research on the Adaptability of Geochemical Temperature Standard Method in Hydrocarbon Reservoirs. WANG Xu-dong, Chengdu University of Technology, Graduate Student.
Afternoon, 18th September, 2018		
16:00-16:30	Knowledge Sharing ePoster Station 1	14) Phase-controlled Modeling of MISS Reservoir with Multiple Constraints in A Oilfield, Oriente Basin. ZHANG Tian-yu, Research Institute of Unconventional Oil & Gas and Renewable Energy, China University of Petroleum (East China).
		15) Numerical Simulation of Adsorption Mechanism of Carbon Dioxide Enhanced Oil Recovery in Shale Gas Reservoirs. ZHANG Le, The Unconventional Natural Gas Institute, China University of Petroleum (Beijing), Graduate Student.
		16) Application of Synchronous Extrusion Improved Short-time Fourier Transform Frequency Spectrum Decomposition Technique in Reservoir Prediction of Oil Fields in the South China Sea. YAN Hai-tao, College of Geophysics, Chengdu University of Technology, Graduate Student.
	Knowledge Sharing ePoster Station 2	17) Research Status and Development of Polymer Flooding Injection Process and Allocators ZHANG Yi, China University of Petroleum (East China), PhD student
		18) Feasibility of Miscible Gas Injection in the Middle East Carbonate Reservoir Dong Jiang-yan, Research Institute of Petroleum Exploration & Development, PetroChina
		19) Theoretical and Experimental Study on Drag-Reduction Characteristics of Rocking Drill String by Top Drive Wang Xue-ying, China University of Petroleum (East China)
	Knowledge Sharing ePoster	20) Enhancement Evaluation of Vertical Reorientation Fractures for Low Permeable Reservoirs. WANG Jun-qiang, State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum (Beijing), Graduate Student.

	Station 3	21) Research on Non-Homogeneity and Dredger Countermeasure in Reservoir of Block A in Teropenetration Oilfield. MA Gui-zhi, Daqing Oil Field No.10 Oil Production Plant ,Engineer.	
		22) Research on Reservoir Protection Drilling Fluid of Strong Inhibition and Low Damage in Honghe Oilfield. CHEN Xiao-hua,SINOPEC North China Company,Engineer.	
	Knowledge Sharing ePoster Station 4	23) Shale Gas Exploratory Well Drilling Technological Challenges and Resolutions in South Area of Shaanxi province. GUO Hong, Shaanxi institute geological survey, Engineer.	
		24) NMR Technology Applied to Shale Oil Enrichment and Mobility : Case of Biyang Sag . LIU Jie-wen, China University of Petroleum (East China), Graduate Student.	
		25) Study on Condensate Oil Wax Deposition in HTHP Deep Condensate Gas Well . WANG Jie,Unconventional Gas Research Institute, China University of Petroleum (Beijing).	
	Knowledge Sharing ePoster Station 5	26) Research Overview of Gas Hydrate Exploration and Development Technology. WANG Zhi-wei,Center for Offshore Engineering and Safety Technology, China University of Petroleum (EAST China), Graduate Student.	
		27) The Three-Dimensional Numerical Simulation for Hydraulic Fracturing of Horizontal Well Affected by Bedding Plane and Wellbore Azimuth. WANG Yue-peng,Southwest Petroleum University, PhD student.	
		28) Introduction and Application of the Key Technology of Subsalt Reservoir Prediction in Jingbian Area. CAI Ke-han,Exploration and Development Research Institute of Petrochina Changqing Oilfield Company, Engineer.	
	Morning, 19th September, 2018		
	10:00-10:30	Knowledge Sharing ePoster Station 1	29) Flowing Material Balance Analysis in Fracture Gas Reservoir. CHEN Zhi-gang,Southwest Petroleum University (East China) , PostGraduate Student.
30) Study on Dynamic Characteristics of Double-step Horizontal Wells with Commingled Production and Water Injection in Thin Reservoir. ZHANG Guo-liang,Research Institute of exploration and development in Tarim Oilfield, Engineer.			
31) Development and Adjustment Technology of Low Permeability Reservoir with Complex Fault Block in Rapid Accumulation of Near Source——For Example of the Erlian Ha76 Block. FENG Li-juan,Research Institute of Petroleum Exploration and Development, Huabei Oilfield,Engineer.			
Knowledge Sharing ePoster Station 2		32) A New Method for Analysis of Shearing Fracture in Unconventional Reservoirs. Zhang Zi-wei, College of Energy, Chengdu University of Technology.	
		33) Research and Application of Borehole Stability Mechanism in the Deep Sand-mudstone Formation. Li Dong-jie, Engineering Technology Research Institute,PetroChina Huabei	

		Oilfield Company.
		34) Approach to Ascertain Reasonable Occasion for Retrieving Downhole Choke Ma Hai-bin, Oil&Gas Technology Research Institute of Changqing Oilfield Company.
	Knowledge Sharing ePoster Station 3	35) Study on Flow Characteristics of CO2 Foam in Fractured Low Permeability Reservoirs. HE Jing-Zhou, China Petroleum University (East China),Postgraduate.
		36) Study on Areal Sweep Coefficient Under Water Flooding in Ultra-Low Permeability Reservoirs. HE Cong-ge,Research Institute of Petroleum Exploration and Development, Engineer.
		37) Dynamic Evaluation and Characteristic Analysis of Continental Tight Oil Production. HUI Bo,Research Institute of Petroleum Exploration & Development, Graduate Student.
	Knowledge Sharing ePoster Station 4	38) Application of Low Frequency Vibroseis Seismic in Tight Reservoir Prediction. ZHU Jun,Exploration & Development Research Institute of PetroChina Changqing Oilfield Company,Engineer.
		39) Feasibility Study of Pressurized Gas Injection for Improving Recovery at the Mid-Late Stage of Condensate Gas Reservoirs. CHEN Lei, Exploration and Development Research Institute of PetroChina Tarim Oilfield Company.
		40) Feasibility Study of Pressurized Gas Injection for Improving Recovery at the Mid-Late Stage of Condensate Gas Reservoirs. WEI Cong, Exploration and Development Research Institute of Tarim oilfield.
	Knowledge Sharing ePoster Station 5	41) Mix Sediments Reservoir Image Log Comprehensive Evaluation Method in Saline Lacustrine Basin. ZHANG Cheng-en,CNPC Logging Company Limited Oil and Gas Evaluation Center, Engineer.
		42) Application of Facies-constrained Inversion Technology to Prediction of Lacustrine Carbonate reservoir in Yingxi, Qaidam Basin (NW China). ZHU Chao, PetroChina Hangzhou Research Institute of Geology, Senior Engineer.
		43) Application Of Multi-Component Interpretation To Improve The Prediction Accuracy Of The Sinian System Reservoir In Sichuan Basin. YANG Hai-tao,BGP inc china national petroleum corporation, Engineer.
Afternoon, 19th September, 2018		
15:30-16:00	Knowledge Sharing ePoster Station1	44) Comprehensive Prediction of Multi-Layer Tight Gas Reservoirs in Suide Area. GAI Gai, Research Institute of Petroleum Exploration and Development'Changqing Oilfield Company of CNPC,Engineer.
		45) Research and Application of RAS Pulse Neutron Logging in Remaining Oil Evaluation Technology. CAO Juan,Production Logging Center China Petroleum Logging CO. LTD.,Assistant Engineer.
		46) Experiment For Acquiring the Secondary Field about Formation Information

		in A Cased Well Model. ZHANG Shou-wei ,SINOPEC Shengli Oilfield Service Corporation Well Logging Company, Senior Engineer.
Knowledge Sharing ePoster Station 2	47)	Design of De-Oiling Separator Based on Oil Droplets Migration Path. XINGLei,Northeast Petroleum University
	48)	A New Dimensionless Time Model of Spontaneous Imbibition under Confining Pressure for tight cores Based on Pulse Decay Permeability Measurements. JIANG Yun, Research Institute of Petroleum Exploration & Development.
Knowledge Sharing ePoster Station 3	49)	Development and Application of Production String Dropping Control Unit in Horizontal Wells. LUO You-gang,Oil & Gas Technology Research Institute Of Changqing Oilfield Company.
	50)	Analysis of Fluid Phase Behavior and Wax Deposition in the Near Critical High Wax Condensate Gas Reservoir。 CHEN Li-qun, Research Institution of Exploration and Development, PetroChina Tarim Oilfield Company, Engineer.
	51)	Synthesis of Modified Nano-silica and Application in Water Based Drilling Fluid. SHEN Hao-kun, China University of Petroleum (east China) , Graduate Student.
Knowledge Sharing ePoster Station 4	52)	Heavy Oil Origin in Orinoco heavy Oil Belt in East Venezuela Basin. QU Shuang-shuang, China University of Petroleum (east China) ,Graduate Student.
	53)	High-precision Magnetic Anomaly and Geological Significance of Shale Gas in Upper Yangtze Region. QIAN Wen-dao , Yangtze University, PhD student.
	54)	Study on Water Cut Rising Performance of Horizontal Wells in Thin-Bed Oil Reservoir with Edge-Bottom Water. SU Peng-hui,Research Institute of Petroleum Exploration and Development, PhD student.
Knowledge Sharing ePoster Station 5	55)	A New Exploration of High-quality Shale Reservoirs Prediction in Exploration Blank Spaces. HUANG Li-juan, Southwest Geophysical company, BGP.
	56)	Water Invasion Mechanism and Remaining Oil Potential in High Porosity and Permeability Reservoir. LIANG Bin,Petro China Dagang Oilfield Company, Engineer.
	57)	A New Method in Predicting Water Breakthrough Time in Horizontal Well of Gas Reservoir with Interbed of Bottom Water. KONG Ling-xiao,Research Institute of Petroleum Exploration and Development of CNPC.

2018 SPE China Region Student Academic Forum

Activities Schedule

In order to improve the education quality of universities, enhance the students' innovation and invention ability, stimulate the university students' academic activities, 2018 SPE China region Student Academic Forum will be held in Xi'an on 18 -20th, Sep, 2018.

1. Events Organizer

Organizer: SPE Northern China International Section
SPE Beijing China Section

Operated by: Xi'an Shiyou University SPE Student Chapter

Co-operated by: (In alphabetical order)

Beijing University SPE student Chapter
Chengdu University of Technology SPE student Chapter
China Geosciences University (Beijing) SPE Student Chapter
China Geosciences University (Wuhan) SPE Student Chapter
China Petroleum University (Beijing) SPE Student Chapter
China Petroleum University (Huadong) SPE Student Chapter
Liaoning Shihua University SPE student Chapter
Northeast Petroleum University SPE Student Chapter

2. Activities Schedule

Date	Content of Activities	Venue
17th September	Student Registration	Hall, 18th Building ,Shaanxi Guesthouse
18th September Morning	Opening Ceremony and Keynote Session	3-5 Conference Rooms, The Shaanxi Great Hall
18th September Evening	Welcome Dinner & Excellent Student Paper Awards	Guo Yan Meeting Room
18th-20th September	Paper presentation, including ePoster Session	3rd Floor, The Shaanxi Great Hall
	Technology & Product Exhibition	Display Hall, 1st Floor, The

*We invite you to be an active participant and partake in the activities
Share Knowledge & Industry Networking Opportunities*

For more information, visit the conference website: <http://www.ifedc.org>