

No.	Theme	Name	Degree	Country	University	Type
1	Choosing Well Type for Optimum Water Coning Control in Bottom Water Reservoirs	Alhasan Hadi	Master	Iraqi	Clausthal University of Technology	Full Paper
2	Hydraulic Fracturing Design Optimization on Shale Gas Reservoirs	Cha Yee Weng	BS	Malaysia	University of Technology Petronas	Full Paper
3	Experimental Study on Monitoring CO ₂ Migration in Brine-saturated Porous Sandstone	Chen Hao	PhD	China	China University of Petroleum-Beijing	Full Paper
4	An Approach to Design Fracture Spacing in Horizontal-Well Multi-Stage Fracturing in Shale Gas	Chen Wan	PhD	China	China University of Petroleum-Beijing	Full Paper
5	The Application of GPU in Forward Modeling and Inversion	Cui Dong	PhD	China	PetroChina RIPED	Full Paper
6	Sand Control Methods Optimization Experiment in Gas Field	Deng Fucheng	PhD	China	China University of Petroleum-Beijing	Full Paper
7	Aerated Fluids For Drilling Of Geothermal Wells In Solving Pipe Sticking Problem In Total Loss Circulation Zone Case Study : Well “X” Geothermal Well Ulubelu Field	Edo Pratama	BS	Indonesia	UPN “Veteran” Yogyakarta	Full Paper
8	Research and application of similarity criterion in advance water flooding in low permeability reservoir	He Jingang	PhD	China	Northeast Petroleum University	Full Paper
9	Experimental Study on Main Factors of Rock Erosion with SC-CO ₂ Jet	He Zhenguo	Master	China	China University of Petroleum-Beijing	Full Paper
10	The Role of Gas in A Low Carbon Future;And Monetizing Natural Gas Resources:The Nigerian Reality	Iyoke Udoka Jeremiah	Master	Nigerian	Clausthal University of Technology	Full Paper

11	Experimental Study on Optimizing the Particle Size Distribution of Lost Circulation Particles	Jia Lichun	PhD	China	China University of Petroleum-Beijing	Full Paper
12	Hydraulic Fracturing Design and Optimization for Shale Oil Reservoir	Kan Wai Choong	BS	Malaysia	University of Technology Petronas	Full Paper
13	A Novel Approach for Estimating Wormhole Coverage in CHOPS Wells	Lei Xiao	PhD	China	University of Regina	Full Paper
14	Numerical Simulation of the Incompressible Viscous Driven Cavity Flow	Li Jiangfei	Master	China	China University of Petroleum-Beijing	Full Paper
15	Optimization Model of ICD Segregated Completion Method for Horizontal Well	Liu Jia	PhD	China	China University of Petroleum-Beijing	Full Paper
16	Offshore Hydrocarbon spills and How to Meter Them	Mehdi Moslemi	BS	Germany	Clausthal University of Technology	Full Paper
17	An Update of Industry Experience With WAG-CO2 Injection	Mohamed Yousry Ahmed	BS	Egypt	University of Technology Petronas	Full Paper
18	Suitability Study of Agarwood Waste as a New Fluid Loss Control Agent in Water-Based Drilling Fluid	Mohd Shahrul Nizam Bin Ibrahim	BS	Malaysia	University Technology of MARA	Full Paper
19	Free Water Determination of Agarwood Waste Additives in Oil Well Cement Slurries	Muhammad Hazman bin Md Shahid	BS	Malaysia	University Technology of MARA	Full Paper
20	Assessing The Potential of Using Agarwood Waste from Distillation Process as a Lightweight Additive of Oilwell Cement	Muhammad Yusdiadha bin Yusof	BS	Malaysia	University Technology of MARA	Full Paper
21	From Well Data to 3D Models: An optimized integrated study approach for oil and gas reservoirs	Mukhtar Habib	Master	Nigeria	China University of Geosciences	Full Paper

22	The Potential of SmartWater Injection on Oil Recovery	Nur Syaffiqa binti Mohamad Ruzlan	BS	Malaysia	University of Technology Petronas	Full Paper
23	Applications of Group Method of Data Handling (GMDH) Approach in Fluid Properties Prediction	Nur Syazwani binti Moktar	BS	Malaysia	University of Technology Petronas	Full Paper
24	Optimize Well Placement Based on Particle Swarm Optimization	Tang Guoping	Master	China	China University of Petroleum-Beijing	Full Paper
25	Research on the Adaptability of Chemical Flooding in Heterogeneous Reservoir	Wu Zhiwei	PhD	China	China University of Petroleum-Beijing	Full Paper
26	Optimization and Evaluation of High Temperature Resistant and Low Friction Fracturing Fluid for Well Hui 25 Area	Xiao Bo	PhD	China	China University of Petroleum-Beijing	Full Paper
27	Wellbore Fracture Propagation Mechanism in Shale Formation while Drilling with Gas Wetting Mud	Xu Zichen	BS	China	China University of Petroleum-Beijing	Full Paper
28	Strength of Hard Brittle Shale	Yan Chuanliang	PhD	China	China University of Petroleum-Beijing	Full Paper
29	A Novel Logging Method for Gas Saturation Evaluation in Tight Gas Reservoirs	Yuan Chao	PhD	China	PetroChina RIPED	Full Paper
30	Improvement on Tube-type Inflow Control Device and Numerical Validation	Zeng Quanshu	Master	China	China University of Petroleum-Beijing	Full Paper
31	Calculation of Critical Fluid Velocity for Hydraulic Sand Washing in Horizontal Well	Zhang Haolin	PhD	China	China University of Petroleum-Beijing	Full Paper
32	The Characteristics of CO2 Flooding after Different Degree Water Flooding in Extra-low Permeability Reservoir	Zhang Xing	PhD	China	China University of Petroleum-Beijing	Full Paper

33	Numerical Study on the Two-Phase Pipe Flow in the Commissioning Process of Oil Pipeline on Hilly Area	Zhang Xinyu	Master	China	China University of Petroleum-Beijing	Full Paper
34	Research and Discussion on Applicability of High Temperature Resistant Acidic Clean Fracturing Fluid	Zhang Yan	PhD	China	China University of Petroleum-Beijing	Full Paper
35	Distribution of remaining oil of conglomerate reservoirs in Liuzhongdong area in Xinjiang oil field	Zhao Liang	PhD	China	PetroChina RIPED	Full Paper
36	A New Electromagnetical Beacon Tool For Determining The Relative Location Of The drill bit	Zhu yu	PhD	China	China University of Petroleum-Beijing	Full Paper
37	Influence Factor Analysis of Fracture Network Generation in Shale Gas Reservoirs	Zou Yushi	PhD	China	China University of Petroleum-Beijing	Full Paper
38	The Optimum Number of Trays and Solvent Circulation Rate in Removing Acid Gases in Absorption Unit	Ahmad Hilmi Ghazalli	BS	Malaysia	University Technology of MARA	Full Paper
39	Permeability Estimation from Well logs Utilizing Neural Network	Ahmed Mohamed Hassan	BS	Egyptian	Faculty of Petroleum and Mining Engineering	Full Paper
40	Redevelopment of abandond oil field based on reservoir simulation study	Aisan Sharabiani	Master	Iranian	Clausthal University of Technology	Abstract
41	Investigation of coal power generation and control measures in coalbed methane well	Cao Lihu	Master	China	China University of Petroleum-Beijing	Abstract
42	Evaluating the Developing Effects of Segmented Multi-cluster Fracturing Horizontal Wells in The Tight Oil Reservoir	Du Baojian	PhD	China	China University of Petroleum-Beijing	Abstract
43	Feasibility Study of Surface Mining Tar Sands Processing Plant Development by Ex-situ Extraction Method	Fachri Fadillah	BS	Indonesia	Universitas Indonesia	Abstract

44	Pore Pressure Detection by Using Dc Exponent Method With Bit Wear Correction Based on MSE Theory	Geng Zhi	Master	China	China University of Petroleum-Beijing	Abstract
45	Hydrogen Injection in the German Gas Transmission System	Götz Thilo Müller von der Grün	Master	German	Clausthal University of Technology	Abstract
46	Application of GeoGraphix in Well Correlation in Locating the Faults	Guo Xuyang	BS	China	Texas A&M	Abstract
47	The Analysis of the manually controllable parameters' Influence On SAGD Well Performance	Hong Cheng	Master	China	China University of Petroleum-Beijing	Abstract
48	Analytical Models to Predict Gas-Water Relative Permeability with irreducible water of different flow surface geometry	Li Yuansheng	PhD	China	China University of Petroleum-Beijing	Abstract
49	An improved calculation method of the relative permeability curve of the unsteady water flooding	Liang Bin	Master	China	China University of Petroleum-Beijing	Abstract
50	New Method of Estimating Water Breakthrough time for Horizontal Wells in Edgewater Drive Reservoirs	Liu Guangwei	PhD	China	China University of Petroleum-Beijing	Abstract
51	Research on the Effect of Well-type Combination on Waterflooding Development for Fractured Reservoirs	Liu Jian	PhD	China	China University of Petroleum-Beijing	Abstract
52	The Requirements for Rigorous Shale-Gas Reservoirs Simulation Technology	Liu Zhishang	BS	China	China University of Petroleum-Beijing	Abstract
53	Performance Assessment of Clean Fracturing Fluids and Gel Breaker For Application in Coal Bed Methane Well	Ma Chao	PhD	China	SiChuan University	Abstract
54	Model for Displacement of Thixotropic Fluid by Newtonian Fluid in Porous Media and Its Application in Fracturing Fluid Cleanup	Ma Mingxu	BS	China	China University of Petroleum-Beijing	Abstract

55	Selection of Suitable Foaming Agent and Stabilizer for Foam Drilling Fluid	Mac Darlington Uche Onuoha	Master	Nigerian	UTM	Abstract
56	Well Test Analysis in Gas Condensate Reservoirs	Maslenitsin Sergey Anatolievich	PhD	Russia	Tyumen State Oil and Gas University	Abstract
57	Analyzing Plots for Differentiating Between Coning and Channeling: A Case Study of Different Reservoirs in the Indus Basin of Pakistan	Muhammad Osama Jafri	BS	Pakistani	NED University of Engineering & Technology	Abstract
58	Microseismic Monitoring of the Hydraulically-Induced Fractured Reservoir in a Shale Gas Formation	Muhammad Taha	BS	Pakistani	NED University of Engineering & Technology	Abstract
59	Multivariate Nonlinear Regression Analysis in Low Permeability Gas Reservoir Fracturing Parameter	Nie Ling	Master	China	Xi'an Shiyou University	Abstract
60	The Numerical Simulation Study for Parameters Optimization of The CO ₂ Huff and Puff in Low-permeability Reservoir	Niu Li	BS	China	China University of Petroleum-Beijing	Abstract
61	Design of A Plant To Produce 100 ton/day of Drilling Mud from Local Bentonite Clay	Ofasa Abunumah	Master	Nigerian	Coventry University	Abstract
62	Identification of tight gas favorable microfacies belts according to model of sand layer thickness	Pang Yudong	Master	China	Xi'an Shiyou University	Abstract
63	Integration of Carbon Capture and Sequestration (CCS) Approach and Enhanced Oil Recovery (EOR) for Optimizing Recovery of an Oil Reservoir	Saad Iqbal	BS	Pakistani	NED University of Engineering & Technology	Abstract
64	A New Correlation for Hydraulic Fracture Performance Evaluation of Horizontal Wells in Gas Condensate Reservoir	Satria Andrianata	Master	Indonesia	Institut Teknologi Bandung	Abstract
65	Production History Matching and Forecasting for Unconventional Reservoirs (Research Work & Case Study for Pakistan Scenario)	Shahzaib Baber	BS	Pakistani	NED University of Engineering & Technology	Abstract

66	A Method for Calculating Hydraulic Fracture Initiation Angle in Muddy Shale Formation	Shao Shangqi	Master	China	China University of Petroleum-Beijing	Abstract
67	Trajectory Optimization Design and Application of the SAGD Parallel Horizontal Well	Tong Zeliang	Master	China	China University of Petroleum-Beijing	Abstract
68	A Way to Improve the Bit Hydraulic Horsepower in Combined Drilling	Tong Zhen	Master	China	PetroChina RIPED	Abstract
69	Predicting the Liquid Loading in a Gas Condensate Well by Using a Systematic Approach	Waleed Anwar Saleem	BS	Pakistani	NED University of Engineering & Technology	Abstract
70	Analysis of the Feasibility of Polymer Flooding in High Temperature and High Salinity Reservoirs	Wang Fenggang	Master	China	China University of Petroleum-Beijing	Abstract
71	Magnet Ranging Technology Applied to U-Shaped Horizontal Wells Intersection	Xi Baobin	PhD	China	China University of Petroleum-Beijing	Abstract
72	Determination of Saturation Pressures and Swelling Factors of Solvent(s)-CO ₂ -Heavy Oil Systems at High Pressures and Elevated Temperatures	Xiaoli Li	PhD	China	University of Regina	Abstract
73	Optimization Analysis for Structure Parameters of Slotted Liner in CBM Wells	Yang Ruiyue	Master	China	China University of Petroleum-Beijing	Abstract
74	Study for the Influential Factors of Bottom Water Breakthrough Time of Horizontal Wells in Bottom Water Reservoir	Yang Zhiguo	Master	China	China University of Petroleum-Beijing	Abstract
75	The Potential Research of Residual Oil in High Permeability Sandstone Reservoir after a High Speed Water-flooding	Yu Jie	Master	China	China University of Petroleum-Beijing	Abstract
76	Research on Data Interaction in the Pipeline Simulation Training System Developed on SPS and Force-control Configuration Software	Zhang Haoran	Master	China	China University of Petroleum-Beijing	Abstract

77	Surface Tension of Fluorocarbon surfactant (Intechem-01) +SDS Composite Surfactant Under Hydrate-forming condition	Zhang Lin	Master	China	ChangZhou University	Abstract
78	Experimental Study on Damage of Shale Gas Reservoir	Zhao Licui	Master	China	China University of Petroleum-Beijing	Abstract
79	Numerical Simulation on the Potentiality and Distribution of Remaining Oil for in Beiexi District at High Water Cut Stage	Zhao Tianyi	Master	China	China University of Petroleum-Beijing	Abstract
80	Numerical Simulation for Water-heat Coupled Fields of Frozen Soil Surrounding the Buried Hot Oil Pipeline	Zhao Yu	Master	China	China University of Petroleum-Beijing	Abstract
81	Analysis of Shale Gas Reservoir Characteristics And the Application of Digital Core Technology in Shale	Zou Mengfei	Master	China	China University of Petroleum-Beijing	Abstract