Theme 7: Petroleum engineering



Index No.	Paper No.	Paper Title	Authors	Affiliation
1	5	Study on evolution law of air flow state in kilometer vertical shaft based on heart exchange	Zedong Sun	Taiyuan University of Technology
2	7	Sand production prediction models and their laboratory validation	Bailin Wu, Xavier Choi and Bisheng Wu	CSIRO
3	8	Fluid Injection Induced Seismicity Considering Secondary Damage Zone and Heterogeneity of Surrounding Rock	Jian-Qi Kang and Jian-Bo Zhu	Tianjin University
4	14	Experimental and DEM Study of Pure and Interbedded Salt Rock Subjected to Temperature Influence	Wenjing Li	China University of Petroleum, Beijing
5	18	Study on the pressure pulsation characteristics of pore seepage based on LBM and HHT	Yansheng Wang and Lu Zheng	Sichuan University
6	34	Superheated steam stimulation for heavy oil recovery: Modeling of reservoir heat efficiency and analysis of production performance	Congge He, Anzhu Xu and Zifei Fan	Research Institute of Petroleum Exploration and Development
7	60	Seismic response characteristics of buried pipeline under different parameters	Honglue Qu, Lei Liu, Ying Wu, Qindi Hu and Hanbin Zhao	Southwest Petroleum University
8	64	Proppant transport in hydraulic fracturing and the evolution of fracture conductivity	Jiehao Wang and Derek Elsworth	The Pennsylvania State University
9	81	Use of risk-controlled model for predicting collapse pressure of vertical and inclined wells	Tianshou Ma, Tao Tang, Nian Peng, Yahui Wang and Zhaoxue Guo	Southwest Petroleum University
10	82	Simulation Analysis of Water Huff and Puff in Multi- fractured Horizontal Wells in Tight Oil Reservoirs	Youshi Jiang, Dongyu Fu, Jinzhou Zhao, Yongming Li and Lei Wu	Southwest Petroleum University
11	121	Modelling of phase behaviours, viscous instabilities and oil recovery during different types of surfactant-polymer flooding in five-spot setup	Abhijit Chaudhuri and Vishnudas R	IIT Madras
12	126	Computational Modelling of Fluid Pressurised Crack Evolution in Porous Media	Alex Hardcastle, Mohaddeseh Mousavi	The University of Warwick

Theme 7: Petroleum engineering



				Nezhad and Mohammad Rezania	
	12	139	Numerical Approach for Wellbore Stability and Minimum	Hassan Sheha and Abdel-	Gulf of Suez Petroleum
13	13		Required Mud Weight	Alim Elsayed	Company