Yiqiang Li

Ph.D., Professor

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Education

Post-doctor The mechanics of post-doctoral mobile stations Peking University Institute of Technology 2007.01-2009.05

Doctor Seepage by fluid mechanics of Chinese Academy of Sciences Institute 2001.01-2006.06

Master Oil and gas field development engineering Daqing Petroleum Institute 1995.09-1998.03

Bachelor Reservoir engineering Daqing Petroleum Institute 1989.09-1993.07

Research Areas and Interests

1. Research on principle and technology to improve oil recovery
2. Oil and gas seepage theory and application

Teaching

Enhance oil recovery science and technology

Professional Experiences

1993.07-2008.03，Lecturer ，Daqing Petroleum Institute Petroleum engineering college

2008.03-2009.07，Vice-director in Scientific Research Office Daqing Petroleum Institute

2009.07-2017.05，Professor，Enhance Oil Recovery Institute in China University of Petroleum-Beijing

2017.05-present, Professor, Department of Petroleum Engineering, China University of Petroleum-Beijing

Other Appointments

Other Professional Affiliations

Honors and Awards

1. Second prize of China petroleum chemical industry association of scientific and technological progress
2. Second prize of State science and technology
3. Third prize of Heilongjiang province science and technology
4. Second prize of Petrochemical industry association
5. Third prize of Heilongjiang university of science and technology

Selected Publications(The last three years)

1. Lixin Zhao, Yiqiang Li, Baorui Xu, Minghu Jiang . Design and Numerical Simulation Analysis of an Integrative Gas‐Liquid‐Solid Separation Hydrocyclone. Chemical Engineering & Technology, 2016. 38(12): p. 2146-2152.
2. Hu Guo, Yiqiang Li, Zhao Yiran, Gao Xian. Progress of Microbial Enhanced Oil Recovery in China. in SPE Asia Pacific Enhanced Oil Recovery Conference. 2015.
3. Hu Guo, Ma Dou, Wang Hanqing, Yiqiang Li. Review of Capillary Number in Chemical Enhanced Oil Recovery. in SPE Kuwait Oil and Gas Show and Conference. 2015.
4. Hu Guo, Yiqiang Li, Fuyong Wang, Yuanyuan Gu. Comparison of Strong-Alkali and Weak-Alkali ASP-Flooding Field Tests in Daqing Oilfield. Spe Production & Operations, 2016.
5. Fuyong Wang, Yiqiang Li, Xiang Tang, Wenbin Gao. Petrophysical Properties Analysis of a Carbonate Reservoir with Natural Fractures and Vugs using X-ray Computed Tomography. Journal of Natural Gas Science & Engineering, 2016. 28: p. 215-225.
6. Hualong Liu, Yiqiang Li, Junxin Gao, Yishan Liu. A design method of optimising compatibility of polymer flooding system with reservoir. International Journal of Oil Gas & Coal Technology, 2016. 13(2): p. 159.
7. Zhe-Yu Liu, Yi-Qiang Li, Ming-Hui Cui, A.G.Prasiddhianti. Pore-scale investigation of residual oil displacement in surfactant‐polymer flooding using nuclear magnetic resonance experiments. 石油科学, 2016. 13(1): p. 91-99.
8. Zheyu Liu, Yiqiang Li, Jianrong Lv, Yihang Chen. Optimization of polymer flooding design in conglomerate reservoirs. Journal of Petroleum Science & Engineering, 2017. 152: p. 267-274.
9. Hu Guo, Yiqiang Li, Fuyong Wang, Yuanyuan Gu. Comparison of Strong-Alkali and Weak-Alkali ASP-Flooding Field Tests in Daqing Oilfield. Spe Production & Operations, 2016.
10. Hu Guo, Yiqiang Li, Fuyong Wang, Xian Gao. ASP Flooding: Theory and Practice Progress in China. Journal of Chemistry,2017,(2017-2-28), 2017. 2017(5): p. 1-18.
11. Binhui Li, Xuequn Tan, Fuyong Wang, Yiqiang Li. Fracture and Vug Characterization and Carbonate Rock Type Automatic Classification Using X-ray CT Images. Journal of Petroleum Science & Engineering, 2017. 153.
12. Hu Guo, Ma Dou, Wang Hanqing, Yiqiang Li. Proper Use of Capillary Number in Chemical Flooding. Journal of Chemistry,2017,(2017-3-1), 2017. 2017(53): p. 1-11.
13. Xiankang Xin, Yiqiang Li, Gaoming Yu, Zhangxin Chen. Non-Newtonian Flow Characteristics of Heavy Oil in the Bohai Bay Oilfield: Experimental and Simulation Studies. Energies, 2017. 10(11): p. 1698.