

Honglun Xu

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M.S in Petroleum Engineering
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Education

China University of Petroleum, Beijing 09/2013-Now
Institute of Petroleum Engineering Beijing, China

- Master in Petroleum and Natural Gas Engineering
- Thesis title: *Evaluation and Study on the Effect of Steam Stimulation About Heavy Oil Reservoir in Offshore*
- Main research on recovery methods of non-conventional energy sources
- Average Score: **90/100**

Northeast Petroleum University 09/2010- 07/2013
Institute of Petroleum Engineering Daqing, China

- Bachelor in Petroleum Engineering
- Concentration on reservoir engineering, production engineering
- GPA: **4.24/5** Ranking: **TOP 10%** Average Score: **88.09/100**

Northeast Petroleum University 09/2009- 07/2010
College of Electrical Information Engineering Daqing, China

- Bachelor in Measurement and Control Technology Engineering
- Ranking: **TOP 2%**

Research Projects

Comprehensive Evaluation of Different Offshore Stimulation and Optimization of Relay Technology 03/2015-Now

- Two-dimensional experimental study on development effects of steam stimulation
- Design a software to predict thermal parameters
- Research on development effects of different thermal recovery methods

Comprehensive Evaluation Methods of Thermal Recovery in Offshore Heavy Oil 07/2014-01/2015

- Sensitivity analysis of thermal property parameters
- Design a software to predict production and injection capacity of horizontal wells
- Integrated the technical limits of heavy oil reservoirs

Application of Steam Flooding Technology in Du 229 Block 11/2012-06/2013

- Research on the feasibility of steam flooding

- Experimental study on steam flooding

Awards & Honors

- National Third Prize of China Petroleum Engineering Design Competition in Beijing 2015
- Excellent Graduate of China University of Petroleum, Beijing 2014
- National Endeavor Fellowship in Northeast Petroleum University 2013
- Outstanding Community Cadres of Northeast Petroleum University 2012
- Third Prize of Heilongjiang Division in Mathematical Contest in Modeling in Daqing 2011

Publications

- Yang Yang, Shijun Huang, Yang Liu, Qianlan Song, Honglun Xu, Yuting Guan, “*A Multi-stage Theoretical Model to Characterize the Liquid Level During SAGD Process.*” For submission to the *Journal of Petroleum Science and Engineering* in Nov.15th, 2015.
- Shijun Huang, Jiqiang Wu, Xingmin Li, Renyi Cao, Hongquan Chen, Congge He, Honglun Xu, “*Horizontal Well IPR Curve Equation in Foamy Oil Reservoirs Based on Laboratory Tests.*” For submission to the *Petroleum Science* in Dec.2nd, 2015.
- Honglun Xu, Shijun Huang, Linsong Cheng, Yang Yang, Yuting Guan, “*Two-dimensional Physical Simulation Study of Cyclic Steam Stimulation of Horizontal Well.*” *Special Oil & Gas Reservoirs*, 2016,4(10):3-13.

Softwares

- Hao Gu, Shijun Huang, Fengrui Sun, Honglun Xu (2015), “*the Software of Predicting Thermal Parameters of Concentric Double Pipes’ Wellbore of Injecting Steam in Heavy Oil Reservoir.*” China Patent, Patent No. 2015SR114003.
- Yue Gu, Shijun Huang, Linsong Cheng, Honglun Xu (2014), “*the Evaluation Software for Production Capacity and Injection capacity of Horizontal Wells in Offshore Heavy Oil Thermal Recovery.*” China Patent, Patent No. 2014SR137591.

Activities & Achievements

- Second-session of the National Seminar on Petroleum, Beijing 2013
- President of Photography Association of University Students, Daqing 2012
- Internship of Petroleum Engineering, Career Technical College of Daqing Oil Field, Daqing 07/2011-08/2011
- Geological Investigation and Study, Liujiang Basin, Qinghuangdao 06/2010

Skills

- Proficient use of Word, Excel, PowerPoint and CMG、C、C++
- Strong logical and analytical approach to problem solving
- Detail-oriented, team-spirited, responsible and motivated
- Strong skills in mathematics, statistics, and data analysis