

YUNAN LI

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EDUCATION

Texas A&M University, College Station, TX

B.S. in Petroleum Engineering (*GPA: 4.0*) Expected Graduation: May 2018

University of Oklahoma, Norman, OK

Major: Petroleum Engineering Aug. 2015-May 2016

China University of Petroleum, Beijing, China

Major: Petroleum Engineering Sep. 2013-July 2015

RESEARCH EXPERIENCE

Summer Research Intern, University of Oklahoma, Norman, OK 2016

Advisor: Dr. Rouzbeh Ghanbarnezhad Moghanloo

- Ran reservoir simulation under various scenarios by using commercial software (CMG, Fracpro)
- Conducted sensitive studies to evaluate significance of damaging factors on oil recovery
- Performed economic analysis by investigating Profitability Ratio and Net Present Value
- Obtained empirical co-relation of optimum fracture length against formation permeability
- Paper submitted to a peer reviewed journal (in review)

Project Assistant: Dongsheng Reservoir Block in Shengli Oilfield, Shandong, China 2015

Advisor: Professor Jie Li

- Calculated reservoir property parameters
- Evaluated economic feasibility of this project
- Designed oil recovery enhancement plan

Innovation of Oil Well Packer on Christmas Tree, Beijing, China 2014

Advisors: Professor Guoqing Han, Professor Haifeng Zhao

- Renovated structure of packing and improved its lifespan
- Simplified changing process and enhanced sealing effect
- Led the group, designed several experiments, and applied for a patent

PATENTS AND PUBLICATIONS

Li, Yunan. *Multi-functional combined sealing device on Oil Well.* Patent ID No. 210410110365.X
Xiao, Kun, **Li, Yunan**, Zang, Jinyu, Li, Ziyi, "Exploration of fine class management under new circumstances". *Journal of Jilin Institute of Education* 2014-05. *Accepted for publication*

HONOR AND AWARDS

Sooner Heritage Scholarship at University of Oklahoma; Norman, OK Feb. 2016

MCEE Non-traditional Student Scholarship at University of Oklahoma; Norman, OK May 2016

MPGE Scholarship at University of Oklahoma; Norman, OK June 2016

Fall 2015 President's Honor Roll at the University of Oklahoma; Norman, OK Feb. 2016

Second Prize in National Undergraduate Scientific and Technological Innovation Projects—*top 1%*

Third Prize in Mathematical Modeling Competition—*top 5%*

LEADERSHIP EXPERIENCE

Alumni Relations Chair, OU SPE

- Increased alumni interaction with students
- Scheduled alumni dinner and the Annual Golf Tournament
- Encouraged alumni to attend OU SPE events

Texas A&M Summer School at Beijing (PETE_325) Student Organizer May 2015

- Instructed students visiting the Reservoir Simulation Lab and Multiphase-Flow Miscible Lab
- Collaborate one-on-one with guest lecturer, Dr. A. Rashid Hasan
- Prepared daily classroom environment, facilitate classroom activities

SPE Chapter in China University of Petroleum Student Representative

- Designed and held the Offshore Drilling Platform Design Contest

TECHNICAL SKILLS

Experimental Skills: Trained by China University of Petroleum Physics Laboratory. Precise instruments operation skills including Oscilloscope, Optical Splitter

Software Skills: Matlab, CMG, Fracpro, Eclipse, KAPPA (Rubis), IHS Harmony, C Language, VBA, Auto-CAD, Microsoft Office