**EDUCATION**

**University of Oklahoma**, Norman, OK

*Candidate for Master of Science in Petroleum Engineering | 3.7/4.0 GPA December 2019*

*Bachelor of Science in Petroleum Engineering**December 2016*

**Utah State University,** Price, UT

*Associate of Pre-Engineer in Chemical, Fuels and Petroleum May 2013*

*Associate of Science in General Education* *May 2013*

**WORK RELATE EXPERIENCE**

**Apergy Unbridled ESP,** Midland, Texas

*Reliability Engineer (August 2018-Current)*

* Perform detailed dismantle inspections of failed submersible pumping systems in the Permian
* Conduct thorough Root Cause Failure Analyses to determine equipment failure causes
* Provide Reliability/Technical support to sales, customer, operations
* Provide Reliability KPI Trends for pulled ESP systems (MTBF, failure causes etc.)
* Support Account Manager during customer’s Well Failure Reviews

*Engineer in Training (May 2019– August 2019*)

* Assembling and testing electrical submersible pump (ESP) motor and pump
* Perform reliability engineer responsibilities on ESP equipment
* Field services for installation, troubleshoot and pull ESP systems
* Sizing pump and select appropriate ESP equipment for the customers

**WPX Energy,** Tulsa, Oklahoma

*Petroleum Engineering Intern (Summer 2018)*

* Recommended casing designs and drilling practices while drilling near Salt Water Disposal (SWD) wells
* Developed the CMG model to simulate the effective zone of the SWD within the Delaware Mountain Group (DMG) formation
* Investigated the potential hazards of SWD well to the life cycle of the well
* Applied data mining techniques to evaluate the performance of drilling operations in the Delaware Basin

**Thang Long Joint Operating Company**, *Vietnam*

*Offshore Well Site Drilling Intern* (*Summer 2014-2017)*

* Authored End Well Reports
* Project engineering role for three offshore drilling operations
* Lead design team in Malaysia to construct the Drilling Report Database
* Updated the Drilling Report Database and the Non-Productive Time Analysis
* Evaluated drilling operations performance and compared them to previous drilling operations
* Assisted Drill Site Supervisor with casing tally and cementing calculation
* Daily safety checks around the rig with the HSE personnel

**ACADEMIC EXPERIENCE**

**University of Oklahoma -** **The Mewbourne College of Earth & Energy**,*Norman, OK*

*Graduate Teaching and Research Assistant (September 2017 – May 2019)*

* Application of water flowback analysis to predict effective fracture volume
* Reservoir modeling and hydraulic fracturing simulation for the Wolfcamp formation
* Wellbore integrity issues in extreme high-pressure, high-temperature and geothermal wells

**The American Association of Drilling Engineer**

*Secretary of the University of Oklahoma Chapter (April 2018 – May 2019)*

* Contact company from the petroleum industry for fundraising, tech talks, and field trips
* Increase the student membership, as well as the meeting turn out
* Spearhead projects to help students get involved with the petroleum industry

**SKILLS & ACHIEVEMENTS**

* Speaker at 2019 AADE National Technical Conference and Exhibition and 2019 SPE Thermal Well Integrity and Design Symposium
* Proficient in Interactive Petrophysics, CMG simulator, GOHFER, Petra, Data Analyzer, Spotfire, R, Python, IDS data net, VBA
* Familiar of using Petrel, Stress Check, Landmark, Java

**REFERENCE**

**Sam Butler**

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**Adjunct Professor**

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