
TREY WILLIS

trey.willis@hotmail.com • 214-532-2600 • 7211 Blairview Drive • Dallas, TX 75230

EDUCATION

University of Oklahoma – Norman, OK
Petroleum Engineering Major
GPA: 3.3/4.0

August 2015 – December 2019

WORK EXPERIENCE

Ascent Resources – Oklahoma City, OK

May – August 2019

Drilling Engineer Office Intern

- Conducted multivariable analysis of wellbore parameters to discover combinations that lead to fast/slow trips
- Compiled database of wellbore geometry parameters for 68 wells
- Modeled drag data in WellPlan for drill string trip out & prod. casing run on each well to derive friction factors
- Developed tables of recommended friction factors for various combinations of well geometry parameters to use for pre-drill modeling and casing flotation sub placement
- Utilized Spotfire's advanced visualization capabilities to quickly identify relationships between multiple wellbore parameters and friction factors
- Traveled to field in Ohio and became familiar with unique complexities in drilling, completions, and site builds

Cimarex Energy – Watonga, OK

May – August 2018

Drilling Engineer Field Intern

- Experienced each step of the drilling process from the field perspective while living on the rig
- Recorded daily experiences in weekly field reports and built a comprehensive catalog of my summer experience
- Gained familiarity with main components and functions of rigs H&P 631, Unit 405, and Cactus 164
- Shadowed company men, drilling rig crews, mud engineer, and directional driller
- Observed completion activities such as zipper frac, plug drill out and flowback
- Became acquainted with a typical production facility in a liquids rich basin
- Observed cement jobs on pump truck alongside cement technician

Ventex Oil & Gas – Dallas, TX

September 2014 – August 2015

Engineering Intern

May 2016 – August 2016

December 2016 – January 2017

- Created wellbore diagrams showing all depths, perms, casing strings, and cement records found in reports
- Developed Excel well production templates and production history graphs to store oil gauge sheet data
- Interpreted plugging reports and created wellbore diagrams for TX RRC P&A well submissions
- Reported well production data to state and federal agencies
- Loaded logs into the Petra database– Quality checked data, marked for depth calibration. Compared area logs and correlated depths for geologic interpretation

LEADERSHIP AND ACTIVITIES

Eagle Scout Award

October 2013

Lambda Chi Alpha National Fraternity

August 2015 – December 2019

Secretary (December 2016 – May 2017)

- Recorded minutes for every chapter meeting, kept members up to date with news & announcements, and managed chapter relations with headquarters through their online database

Big Brothers Big Sisters of Oklahoma

September 2016 – December 2019

- One-on-one mentoring once a week with a middle schooler to build a “big brother” relationship and empower him to reach his potential

SOFTWARE PROFICIENCIES: Excel, Landmark Compass, Landmark WellPlan, Moblize ProACT, Petra, Petrel, TIBCO Spotfire, WellView