

TREVOR C GARZA

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Engineering (College of Petroleum Engineering)

Graduation Date: December 2021
GPA: 3.7 | ENGR GPA: 3.6

EXPERIENCE

BPX Energy – Completions Innovate Team, Denver, CO June 2021-August 2021
Completions Intern

- Built database from 3rd party coiled tubing Service Providers data & internal data using Excel VBA & Python
- Developed Power BI dashboard with 3 multifunctional layers enabling economic, geographical, and performance coiled tubing drill out analysis
 - Performed case studies using tool in Eagle Ford, Permian, and Haynesville BUs (covering entire business)
 - Karnes county Eagle Ford case study valued at \$1.1MM
 - Reduced coiled tubing job analysis time from 1 week to 1-2 days (60-80% reduction)
- Extensive completions field experience, value added with 2 field projects in plug parts & surface piping

ExxonMobil Corporation – Upstream Integrated Solutions – Wells, Spring, TX June 2020-August 2020
Drilling Intern

- Identified relevant data from 3rd parties, processed using Excel Macros, developed 2 Spotfire dashboards to analyze multiple automated directional drilling software packages
 - Provided accurate estimation for cost savings tied to automation software, NPV (Jan. 1st, 2020) of \$9MM
 - Reduced slide analysis time for engineering team from 16 hours to 4 hours (75% reduction)
 - Provided quantitative relationship between ROP, wellbore tortuosity, and SOP compliance (10% ROP reduction to improve target compliance 7% & reduce DLS 15%)
- Pioneered separate measurement methods of Bit Guidance & Tool Face Control software packages

EOG Resources Inc., Midland, Texas May 2019-August 2019
Field Production Intern

- Developed zero production downtime factor, relating compression and production downtime. Used variable to quantitatively relate NPT to lost revenue regardless of compression method being used for gas lift.
- Established relationship between annular gas lift methods, well lateral length, and production:
 - Increased BOPD 16% for 2-mile laterals gas lifted WFKP wells
 - Decreased LOE, LO labor cost, downtime, and gas injection cost for 1.5-mile gas lifted WFKP wells
- Pumped for 1.5 months. Experienced: nitrogen huff & puff, field optimization of production facilities, etc.

Cactus Drilling Company, LLC, Oklahoma City, Oklahoma May 2018-August 2018
Floor hand

- “Roughnecked” for 3 months (day and night shifts), performed rig move, performed field mud test

Texas A&M University PETE Department, College Station, Texas August 2017-August 2020
Project Assistant

- Designed and budgeted fluid dynamics testing structure in Zachry Engineering building, awaiting funding

ACTIVITIES

Society of Petroleum Engineers (SPE) – Texas A&M Student Chapter April 2019–April 2020
Secretary

- Managed advertisement of all SPE events; created bi-weekly general meeting slides, led weekly team meetings
- Lead author, data manager, and editor for Annual Report representing TAMU-SPE and PETE department

Director of Social & Sports Committee April 2020-April 2021
Sophomore Retreat Counselor August 2019

ACHIEVEMENTS

- Awarded ~\$16K in department scholarships through Texas A&M academic career
- TAMU SPE Officer Team - 2020 Presidential Award for Outstanding Student Chapter

*References available upon request