
OBJECTIVE:

To obtain a full-time position in Oil & Gas for winter of 2025.
Open to opportunities in or related to: Reservoir, Production, Drilling, Completions, and Facilities.

EDUCATION

Texas A&M University	College Station, TX
Master of Engineering, Petroleum Engineering, GPA: 3.73	December 2024
Bachelor of Science in Geology, Minor in Geog. Info. Systems Tech. GPA: 3.46	December 2017

EXPERIENCE**Occidental Petroleum**

Reservoir Engineering Intern, Houston, TX – Potential Utilization of Depleted Pore Space May 2024 – August 2024

- Evaluated the utilization of idle Gas Cap facilities and depleted pore space for two potential projects
- Evaluated produced gas reinjection to maintain oil production on high GOR wells during times of gas handling constraints
- Collaborated with FE's, PE's, RE's, plant, & field personnel to determine the economic threshold of shut-in production
- Evaluated mitigation of out of zone CO₂ injection into the gas cap (identified **\$25.7M/D** of out of zone injection losses)
- Updated the Injection Profile Log analyzer tool with new geologic zones to identify CO₂ conformance issues
- 4 conformance liners added to the 2025 budget, projected to save **\$1.34MM/yr.** in CO₂

Drilling Engineering Intern, Houston, TX – Rig Move Optimization May 2023 – August 2023

- Increased efficiency for pad-to-pad moves of a telescopic double rig
- Reduced rig move time by **9.2-11.5 hours** from the average with eventual savings of **33 days/year**
- Projected **\$2 MM** in savings by year 2 of implementation of rig move changes

Terracon

November 2016 – February 2023

Staff Geologist / Assistant Geologist / Dispatcher / Engineering Technician, College Station, TX

- Scheduled daily operations of the Materials and Geotechnical Teams based on skill set and demand
- Coordinated with project managers, clients, engineers, ROW agents, city inspectors, superintendents, and drilling companies
- Adhered to strict safety standards in oversight of contractors and lead safety briefings
- Ensured punctual project delivery within budget constraints and trained personnel (**3 - Qtr. MM \$** Budget Solar Projects)

Texas A&M University

January 2015 – July 2016

Undergraduate Geology Research Student, College Station, TX

- Analyzed a series of scientific articles under a tenured Geology professor, Dr. Pope, which characterized the Eagle Ford
- Assisted a Master's student with a Hydrogeological Project via monitoring groundwater discharge along the Brazos River
- Partnered with a Doctorate student to research the extent of an acid seep from a reclaimed mining site

INGRAIN

July 2014 - December 2014

Petroleum Geology Lab Intern, Houston, TX

- Operated the X-Ray Fluorescence (XRF), Gamma Ray Logger, X-Ray Diffraction (XRD), and CT Scanner machines
- Completed testing and documentation on rock core specimens to maximize client's reservoir production

LEADERSHIP & INVOLVEMENT

- **Society of Petroleum Engineers (SPE)** January 2023 – Present
Active Member – Attend weekly meetings and special events
- **Texas A&M Christian Fellowship (Fellowship Church)** January 2014 – Present
Active Member – Assist with teachings, organizing events, and leading service projects
- **M.S.C. LT Jordan Institute for International Awareness** January 2016 – May 2017
Support Committee Member – Helped promote and educate the student body on diversity
- **Student Geosciences Council** January 2016 – May 2017
Programs/Socials Committee Member – Served as a liaison between students and faculty to improve geoscience program
- **Geology & Geophysics Society** January 2016 – May 2017
Active Member – Attended events focused on career development, professional growth, and networking

ADDITIONAL INFORMATION

Awards: Cement Award (American Concrete Institute, 2021), Recognized as a Distinguished Student at Texas A&M University in Fall 2013, Houston Livestock Show & Rodeo Achievement Scholar, HLSR three-time School Art Class Champion, Sealy High School Class of 2013 Valedictorian

Interests: Camping, fishing, golfing, auto-mechanics, sculpting, painting, Texas A&M football, & community service

Certifications: Mine Safety & Health Admin., ACI Concrete Field Tech. – Grade I, & Houston Toad Federal Compliance Training

Exposure to: Aries, ComboCurve, Spotfire, SLB Eclipse, Petex PEEP/MBAL/GAP, Microsoft Office Suite, & ArcGIS