

Daniel Ferreira

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Seeking Full Time Position

EDUCATION

The University of Oklahoma (Overall GPA: 3.1/4.0) - Bachelor of Science in Petroleum Engineering, December 2024

WORK/INTERNSHIP EXPERIENCE

Vital Energy – Reservoir Engineering Intern (*Summer 2024: 12 weeks*) **Tulsa, Oklahoma**

- Generated a workflow to diagnose and improve underperforming Midland Basin’s Wolfcamp C and D wells, consisting of a subsurface, completions, and production analysis to identify areas of improvement and causes of the issue.
- Developed a machine learning model to predict first 3-month oil and water production based on drilling, completions, and geological independent variables. Model also aided on determining what variables had the most impact on production.
- Performed rate transient analysis on wells to determine flow regime, estimate SRV and EUR, and linear flow potential.
- Implemented enhanced choke strategy on recently drilled wells, improving initial rates.
- Organized a knowledge share meeting with another operator to discuss Midland Basin’s WCD geology, completions, flowback strategies, facilities design, and other operational parameters.
- Presented findings and recommendations, relevant to 156 WCD inventory wells, to CEO and board of directors.

Vital Energy – Completions Engineering Intern (*Summer 2023: 12 weeks*) **Midland, Texas**

- Developed a project consisting of minimizing fluid losses in Spraberry low pressure wells during drill out operations and optimizing pad design. Worked closely with fluids and chemical providers in formulating changes in the mud system.
- Over the course of one year, economics of new fluid recommendations forecasted savings of \$2,000,000.
- Presented recommendations for fluid implementations and pad design to CEO and board of directors in Tulsa office.
- Gained exposure to drilling, frac operations, drill outs, production service units, surface facilities, and six different service company tours.

University of Oklahoma Price School of Business – Student Assistant (*Fall 2021 – Fall 2022*) **Norman, Oklahoma**

- Aided professors and students with technology issues and proctored tests, working 20 hours a week, including weekends.

Civil Engenharia LTDA – Civil Engineering Intern (*Summer 2021: 12 weeks*) **Brasília, Brazil**

- Followed the fast-paced construction process of five urgent care clinics built during the Covid-19 pandemic.
- Surveyed for construction materials, contacted suppliers, negotiated prices, and kept a spreadsheet for budget tracking.

ORGANIZATIONS AND LEADERSHIP EXPERIENCE

Society of Petroleum Engineers OU Chapter (SPE) - Vice President (*Fall 2023*)

- Organized industry-relevant events, interview workshop with OKC SPE, and led team meetings with chapter.
- Worked closely with school department to organize ATCE, including transportation, housing, food, and uniforms.

Society of Petrophysicists and Well Log Analysts OU Chapter (SPWLA) - President (*2022/2023 term*)

- Organized technical talks, mini camps, luncheons, workshops, and company tours, by managing a team of six people.
- Met with dean of OU Mewbourne College of Earth and Energy every two weeks to go over the plan for the next weeks and cover ideas on engaging students. Ideas were brought up, performance was evaluated, and tasks assigned.

Society of Petrophysicists and Well Log Analysts OU Chapter (SPWLA) - Publicity Chair (*Summer 2021*)

- Managed all media platforms, created media content such as social media posts, shirts, announcements, and email designs.

HONORS

Master of Ceremonies (*Fall 2022*) **The University of Oklahoma 2022 Trailblazer Award**

- Selected by the board of the school to represent the undergraduate student body by opening, introducing speakers, and closing the 2022 Trailblazer Gala, which recognizes influential individuals in the oil and gas industry once a year.

Undergraduate Advisory Board (*Spring '22, Fall '23*) **Mewbourne School of Petroleum and Geological Engineering**

- One of six students selected by the faculty to discuss issues and new ideas for improvement of the learning environment.

SKILLS AND AWARDS

- Python
- Whitson+
- Enverus Prism
- ComboCurve
- TIBCO Spotfire
- Power BI
- Peloton WellView
- P2 Carte
- PetroAI
- Petrel
- PHDwin
- Techlog
- Pipesim
- Interactive Petrophysics
- Two times OERB Petroleum Scholar
- Merit NRTW Scholarship
- Dean’s Honor Roll: Fall ‘20, ‘22, Spring ‘22, ‘24
- Native speaker of Portuguese and English, fluent in Spanish