

BRENDON LEE BECKENDORFF

College Station, TX | (979) 472-8267 | bbeckendorff@tamu.edu | www.linkedin.com/in/brendon-beckendorff

Objective

Ambitious senior petroleum engineering student at Texas A&M University, eager to leverage practical experience to contribute to a dynamic team. Seeking an entry-level position where I can apply my skills and experience to drive operational success.

Education

Texas A&M University | Harold Vance Department of Petroleum Engineering
Bachelor of Science in Petroleum Engineering

College Station, Texas
May 2025

Professional Experience

Point Energy Partners

Production Engineering Intern

Fort Worth, Texas

May 2024 – August 2024

- Created and implemented a well failure reporting process, boosting field reporting efficiency and improving data accuracy.
- Integrated comprehensive company history of 250 well failures into Peloton, reducing analysis time and enabling faster, data-driven decision-making across the team.
- Developed and automated visualizations in Spotfire to track failure rates, average expenditures, and vendor performance, accelerating operational insights and empowering proactive management.
- Established benchmarks for failure rates and vendor-related issues, utilizing Spotfire to identify trends and mitigate operational risks before they escalated.
- Implemented an SOP for well failure data integration, ensuring consistent adoption by field personnel and engineers.
- Led cross-functional meetings with the production engineering team and VP of Operations to present the project development, gather feedback, and refine the system to ensure alignment with operational goals.
- Conducted field visits to well sites and facilities, gaining hands-on-experience with artificial lift systems, drilling rigs, workovers, frac sites, and ESP teardowns, further enhancing technical expertise in field operations.
- Presented the new well failure process to 30+ colleagues, demonstrating its impact and securing support for broader company-wide implementation.

H-E-B Grocery

Curbside Partner

College Station, Texas

June 2023 – February 2025

- Coordinated with team members and management to ensure efficient operations, demonstrating effective communication and teamwork to consistently meet customer service goals.

Relevant Experience

Reservoir Engineering – Texas A&M University

- Conducted reservoir simulations using CMG to build detailed models for oil fields, aquifers, deep gas fields, and multi-stage fractured horizontal wells, forecasting reservoir performance to support reserve estimates, economic evaluations, and technical recommendations.
- Applied techniques such as decline curve analysis, material balance calculations, and pressure transient analysis to optimize field development planning, including well spacing design, well completions, and artificial lift system recommendations.
- Collaborated with team to ensure accurate simulation parameters and real-world applicability, providing insights for reservoir management scenarios.

Production Engineering – Texas A&M University

- Achieved historical production matching and accurate forecasting using iterative processes in Excel, incorporating IPR and OPR curves to assess natural flow, ESP, and water injection methods. Developed production simulations, managing drawdown constraints to optimize well performance.
- Optimized fracture design parameters through simulation models, evaluating economic benefits, calculating production rates, proppant mass, and fracture fluid volume. Analyzed financial impact based on operating constraints and completion costs, identifying cost-effective solutions for production improvements.

SPE Student Paper Contests – Texas A&M University

- Researched and delivered a presentation on lab-tested acidization formulas at the SPE student paper contest, focusing on methods to mitigate fluid exposure and reduce chemical usage, leading to a 40% reduction in F-grade chemicals.
- Researched and presented a solution for Foam-Assisted Gas Lift implementation in depleted wells suffering from severe slugging, utilizing capillary injection to increase gross production by 200%, showcasing an innovative approach to optimizing well performance.

Skills

- Computer: Microsoft Suite, Google Suite, Spotfire, Python, MATLAB, Peloton, Samsara, Enerview, CMG, @RISK
- Skills: Project Management, Multitasking, Process Automation, Data Analytics