Declan Kennedy

Montgomery, TX | 281-638-4118 | dkenhome@proton.me | linkedin.com/in/declan-b-kennedy

EDUCATION

Texas A&M University College Station, TX

B.S. Petroleum Engineering | Overall GPA: 3.51 | Major GPA: 3.61 *Expected May 2027*

- Certificate, Petroleum Ventures Program (PVP)

TECHNICAL SKILLS

Programming & Tools: Python, SQL, ARIES, @RISK, VBA, Power BI, Microsoft Fabric, Power Query, TechLog, tNav, CMG, CMOST, CoViz4D

Technical Expertise: Reservoir & Production Engineering, Well Operations, Drilling & Development Planning, Offshore Production & Subsea Systems, Reserves, Well Testing, Capital Planning, Economic Modeling, Data Analytics, Onshore & Offshore Oil & Gas Operations

EXPERIENCE

Reservoir Engineering Intern Jun 2026 – Aug 2026

Talos Energy *Houston, TX*

- Identified historical production-data gaps affecting capital allocation, well planning, and field studies; validated results with Reservoir, Reserves, Production, and Data/IT teams and presented findings to senior management
- Built a Microsoft Fabric and Power BI workflow using Lakehouse, Dataflows, SQL, and Power Query to reconcile internal and S&P Global (IHS) production records across approximately 2,700 wells without a shared identifier
- Evaluated AI automation of an existing Wellbore Utility Chart combining petrophysical, well-test, and production data; identified Microsoft Copilot limitations for ingesting large technical knowledge bases
- Supported CMG reservoir-simulation history-match troubleshooting by resolving production-input formatting issues in an operating-company environment
- Gained exposure to offshore production operations through a visit to Ram Powell and Pompano. Visited Proserv, observing SCM testing, repair, and shut-in procedures

Engineering Intern May 2025 – Aug 2025

Sabine Energy *Houston, TX*

- Built a Python/SQL/VBA capital-allocation workflow integrating AFEs, forecasts, end-of-well results, and ARIES data, cutting capital-scheduling time approximately 50%
- Developed active rig and corporate planning schedules allocating rigs across units, formations, and districts to support drilling operations planning; drove long-term adoption through documentation and training (still in use as of Aug. 2026)
- Designed proof-of-concept gas-marketing and diesel-scheduling tools supporting production-operations logistics

Undergraduate Research Assistant Jun 2024 – Dec 2024

Harold Vance Dept. of Petroleum Engineering, Texas A&M *College Station, TX*

- Engineered automated flow control system using proportional valve and Python to maintain 1 gallon per minute within ±2% accuracy, saving 18 minutes per test
- Trained machine learning model for real-time drilling fluid monitoring that replaced 1–3 daily manual tests with continuous data collection, reducing mud engineer workload and supporting drilling operations

LEADERSHIP & ACTIVITIES

Co-Director of Career Development May 2025 – Apr 2026

Texas A&M Society of Petroleum Engineers (TAMU-SPE) *College Station, TX*

- Organized and led 2 résumé workshops and coordinated 2 mock interview campaigns, engaging over 200 professionals and 100+ students
- Created and presented an Excel and @RISK workshop for 20 students focused on energy economics and risk assessment

PetroBowl Team Captain Jan 2026 – Feb 2026

Texas A&M Society of Petroleum Engineers (TAMU-SPE) *College Station, TX*

- Led coordination for NASS 2026 in Baton Rouge — raised $3,000 and arranged housing; guided team to 4th place nationally out of 19 teams

AWARDS & HONORS

Petroleum Student Paper Contest — 1st Place in Room 2026

Drilling Engineering Presentation Seminar — 1st Team Presentation Overall 2026

Petroleum Student Paper Contest — 3rd Place in Room 2025

David P. Smay Scholarship — Chevron Federal Credit Union 2022