

TOMAS JOSE MONETTE

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EDUCATION

Bachelor of Science in Petroleum Engineering

May 2025

The University of Texas at Austin; GPA: 3.2/4.0, Major GPA: 3.5/4.0

WORK EXPERIENCE

Oilfield Data Services - Engineering Intern; Houston, TX

May 2024 – August 2024

ODSI cleans operator rate and pressure data and uses cleaned data to provide accurate reservoir characterization.

- Accurately characterized 14BCF offshore GOM field, moving 2BCF from possible to proved reserves, recommended further field development through well stimulation and additional drilling program. Project presented at 2024 Deepwater Technical Symposium.
- Developed accurate reservoir characterizations of high impact fields across the North Sea (7000bopd), Deepwater GOM(5mmboe), and Offshore Australia (300BCF). Defined in place volumes utilizing decline curve analysis, StaticMBAL calculations, and boundary volumetrics, resulting in 2mmboe in additional reserves for client.
- Utilized proprietary ODSI software to accurately account for temperate degradation effects and kinetic energy factor in wellbore, developing accurate downhole pressure and rate data for clients.
- Took independent wireline data and translated into accurate PTA results for well abandonment strategies.
- Cleaned operator pressure data to eliminate noise, detecting changes in depletion drive and overall reservoir health.

Talos Energy – Reservoir Engineering Intern; Houston, TX

June 2023 – August 2023

- Identified rapidly increasing skin on a 12,000 bopd well. Aligned engineers around technical study, convinced team to initiate a \$1M stimulation program that predicted an increase in rate of 1000bopd.
- Created AutoPTA tool, in Spotfire, which automatically fetched real time data from operator and detected pressure build ups (PBU). Performed self-validated PTA on all wells to generate accurate PTA results such as skin, permeability, completion efficiency, and PI. Tool still used in house on 40+ wells and replicates analysis found in Kappa Saphir.
- Automated workflow saves engineers 10 hours of analysis per well with no additional licensing cost.
- AutoPTA tool confirmed Non-OP analysis on high productivity 6000bopd well and validated stimulation program.
- Discovered a mild skin on a 2000bopd offshore GOM well, recommended addition to stimulation campaign.

Brahaney Oil and Gas - Operations Intern; Midland, TX

June 2020 – July 2020

- Tabulated decades of well files in a concise online format; created new workflow to digitalize multiple old assets.

LEADERSHIP & COMMUNITY SERVICE

Austin Caritas - Founder of Inner City Mission Program

December 2022 - Present

- Searched, found, and coordinated service opportunities for Austin Caritas, an 80 person 5-day volunteer mission in central Austin. Emphasis on helping the homeless, elderly, and food insecure.
- Founded Perpetual Caritas, a weekly mission trip in central Austin that feeds over 1000 people a year.

Schoenstatt University Men – President

Fall 2021 – Present

- Lead a 60-person catholic men's group to unite around a common outreach strategy focused on growing in charity, campus outreach and virtue. Spearheaded planning of numerous retreats and small group exercises.

SKILLS & INTERESTS

Computer Skills: Static MBAL, Kappa Saphir, Spotfire, PI Vision, Python, AutoCad,

Interests: SPE Member, European Art, South American History, Soccer, South American Politics, Fluent in Spanish.