

TONI GERUSSI

PETROLEUM ENGINEERING | WELLS • DRILLING • FIELD • PRODUCTION

Houston, TX | (832) 242-2224 | tonitoni0605@gmail.com

LinkedIn: linkedin.com/in/toni-gerussi-pete | ToniGerussi.com

PROFESSIONAL PROFILE

Texas A&M; petroleum engineering student pursuing early-career opportunities in Wells, Drilling, Field, and Production Engineering. Technical experience includes well and production-system analysis, artificial lift, flow assurance, production forecasting, drilling economics, uncertainty analysis, material balance, and engineering analytics.

EDUCATION

Texas A&M; University - College Station, TX | B.S. Petroleum Engineering | Expected December 2027

Harold Vance Department of Petroleum Engineering. Coursework: Drilling Engineering, Production Engineering, Petroleum Production Systems, Well Testing, Formation Evaluation, Reservoir Engineering, Petroleum Project Evaluation, Data Analytics, and Numerical Methods.

SELECTED PETROLEUM ENGINEERING PROJECTS

Perdido Deepwater Production Performance & Optimization | PETE 325

Analyzed six producing wells using IPR/VLP, material balance, history matching, operating-point analysis, PPS, and Excel/VBA; evaluated artificial-lift and offshore flow-assurance risks. Compared modeled recovery cases and recommended the ESP scenario under project assumptions.

Well 5 Drilling & Investment Decision Under Uncertainty | PETE 353

Built a probabilistic acquisition and drill/no-drill model using 5,000-iteration @RISK Monte Carlo simulation, Arps decline curves, analog wells, and production scenarios. Evaluated PV10, IRR, DROI, reserves, downside exposure, and upside potential.

Gas Reservoir Depletion & Flow Measurement | PETE 325

Constructed P/Z versus cumulative-production material-balance analysis and compared experimental flow measurements with orifice-equation calculations.

PROFESSIONAL EXPERIENCE

PRO360 Photos - Houston, TX | Photographer & Project Coordinator | Jan 2023 - Present

Coordinate concurrent projects from scope through field execution and delivery; operate professional imaging, drone, and lighting equipment and troubleshoot technical issues under changing conditions.

Petroleum Club of Houston - Houston, TX | Banquet & Events Team Member | May 2026 - Aug 2026

Supported corporate and energy-industry functions, coordinating across teams under compressed schedules while maintaining professionalism, discretion, and attention to detail.

TECHNICAL SKILLS

Engineering: Drilling systems, well testing, IPR/VLP and nodal analysis, production-system modeling, artificial-lift evaluation, production forecasting, material balance, formation evaluation, well-log interpretation, flow assurance, decline-curve analysis, petroleum economics.

Programming & Software: Python, MATLAB, Excel, VBA, @RISK Monte Carlo simulation, PPS / Petroleum Production Systems.

LEADERSHIP & PROFESSIONAL INVOLVEMENT

Society of Petroleum Engineers, Texas A&M; Student Chapter - Member | SPE Junior Student Paper Contest - Spring 2026: completed technical research, written analysis, and a formal presentation to faculty and peers.