JULIAN MERCER

PETROLEUM ENGINEER

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PROFESSIONAL SUMMARY

Petroleum Engineer with 10+ years in reservoir, completions, and production engineering across Permian and Eagle Ford assets. Uses decline analysis, nodal modeling, and economics to optimize well performance and capital efficiency. Licensed Professional Engineer comfortable with field operations and budget accountability.

CORE SKILLS

Production optimization | Artificial lift (rod pump, gas lift, ESP) | Nodal analysis | Decline curve analysis | Completions design | Hydraulic fracturing | Reservoir simulation (Eclipse) | Well economics and AFEs | Spotfire | Aries | Reserves evaluation | Well surveillance | Cost control | Pressure transient analysis

PROFESSIONAL EXPERIENCE

Senior Production Engineer Aug 2022 - Present
Occidental Petroleum, Midland, TX

- Manage production optimization for about 220 horizontal wells with combined output of roughly 18,000 barrels of oil equivalent a day.
- Raised output by 1,100 BOE per day across 35 wells by resizing artificial lift and adjusting gas-lift injection after nodal analysis.
- Cut lease operating expense by $0.9 million a year by replacing underperforming rod pumps and reducing chemical treatment volumes.
- Built a Spotfire dashboard for daily well surveillance that flags underperforming wells within 24 hours instead of weekly.
- Prepared AFEs and economics for 40 workover and recompletion projects with a combined budget of $14 million.
- Mentor three junior engineers and lead field visits with operations foremen.

Completions Engineer Jun 2018 - Jul 2022
ConocoPhillips, Houston, TX

- Designed stimulation programs for 60 unconventional wells in the Eagle Ford, optimizing stage spacing and proppant loading.
- Reduced average completion cost per lateral foot by 11 percent through pumping schedule changes and a second frac fleet contract.
- Analyzed post-job pressure and rate data to improve cluster efficiency by 8 points on follow-on wells.
- Supervised frac operations onsite during 30 stimulation jobs and documented non-productive time for service company reviews.
- Coordinated with geoscientists and drilling teams to align landing zones, casing design, and completion plans.

Reservoir Engineer Jul 2015 - May 2018
Chevron, Houston, TX

- Performed decline curve analysis and material balance on 150 wells to update reserves and annual production forecasts.
- Built reservoir simulation models in Eclipse to test infill drilling spacing, supporting a seven-well pilot program.
- Prepared SEC reserves documentation with the reserves team, with no material revisions at year-end audit.
- Analyzed production tests and pressure transient data to calibrate well performance models.

EDUCATION

Bachelor of Science in Petroleum Engineering, Colorado School of Mines, Golden, CO

CERTIFICATIONS

Professional Engineer (PE), Texas | Petroleum Engineering Certification, Society of Petroleum Engineers