

Personal Statement

Reservoir engineer with asset appraisal, development, divestiture experience; exposure to leadership roles; and strong foundations in drilling and production engineering. Computer programming background with a passion for automation. Quickly adapts to new software and technology.

Experience

Devon Energy Corporation (4 years)

Reservoir Engineer – Delaware Basin

- Evaluated economics and maintained type curves for 300+ wells
- Team lead for interdisciplinary asset team; led discussions for development and divestiture of 40,000 acres in New Mexico
- Evaluated acquisitions and joint venture proposals
- Experienced with analytical and numerical modeling in Fekete RTA

Reservoir Engineer – Business Performance, Strategic Services

- Managed and automated gas shrinkage and NGL yield calculations for over 35,000 wells across the company
- Prepared presentations and references for investor inquiries

Drilling Engineer – Delaware Basin

- Drilling program design for Bone Springs reservoir, including BHA design, torque and drag analysis, casing design, collision prevention
- Automated state and federal permitting for new horizontal projects
- Four months experience as on-site drilling supervisor

Operations Engineer – Anadarko Basin

- Evaluated and designed recompletions in Western Oklahoma
- Synthesized data from fiber optic sensors, microseismic arrays, pressure recorders in scientific well for completion method analysis
- Designed and implemented artificial lift solutions for producing wells using pumping units, gas lift, plunger lift, and surfactants

Additional experience: 2010 Field intern, 2011 Operations intern

Industry software: Experienced with IHS Harmony, RTA, Merak Peep, IHS Petra, SAP.

Education

Bachelor of Science in **Petroleum Engineering**
The University of Texas at Austin

2012

Activities, Accomplishments

Editor, The Way Ahead (SPE Print Publication)
Engineer-in-Training Certification (NCEES)
Member, Society of Petroleum Engineers

2014 – Present
2012
2008 – Present

Employment eligibility: U.S. Citizen; Bilingual in English, Mandarin Chinese.