

Blake Ropers

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Education

Texas A&M University
B.S. in Petroleum engineering

GPA: 3.1
December 2023

PETE Student Paper Contest Finalist – “*Increasing Production Using Multilateral Jetting Stimulation Technology (Fishbone Stimulation) in Unconventional Reservoirs*”

Experience

Pioneer Natural Resources – Dallas, Tx May ‘22 – Aug. ‘22

- Completions Engineering Intern – Drill Out
- Summer Project: *Optimization of Aphron Fluid Lightening Systems in Low Pressure Drillouts*
- Designed an experimental procedure to test aphron fluid systems on two wells during drill out operations
- Evaluated the hydrostatic and diversionary qualities of aphron fluid systems under wellbore conditions

FESCO – Bryan & Alice, Tx May ‘23 – Aug. ‘23 & May ‘21 – Aug. ‘21

- Production Tester Intern responsible for pressure, fluid rate, and production rate observations
- Experienced flowback, drillout, and coil wash operations
- Performed gas well surveys for evaluation of low production wells
- Worked with FESCO personnel and vendors in the field to solve operational and technological problems with experimental technologies
- Created several engineering spreadsheet calculators for field personnel to use during well operations
- Extensive time spent in the laboratory, collecting oil, gas, and water samples from Eagle Ford and Haynesville lease equipment testing equipment and performing analysis for customers

Northfield Enterprises – Bryan, Tx Nov. ‘21 – May ‘22

- Pumper, responsible for 15-30 wells at a time
- Tasked with gauging stock tanks, recording gas production and operating separators and heaters
- Responsible for the testing of oil water cut in stock tanks, calling for oil and water hauls

Cactus Drilling Company LLC. – Oklahoma City, Ok May ‘21 - Aug. ‘21

- Worked as a floor hand for four 14-day hitches in the Eagle Ford
- Responsible for tourly well control equipment checks of the FOSV and Dart Valve
- Performed all floor hand duties including making connections, equipment repairs, rig servicing and rig clean up

Organizations - SPE (Society of Petroleum Engineers) – TAMU

- Director positions
 - o Tailgating Director, Douglas Von Gonten Golf Tournament Director, Managing Event Director, Stephen A. Holditch Sporting Clays Tournament Co-Director (en dash)
- Achievements
 - o \$70,000+ in total sponsorship
 - o Lead and mentored several students through director and co-chair positions
 - o Led the movement to improve the quality of events, bringing new ideas to increase attendance (circle back)
 - o Built a specialized VBA based invoice generator tailored for SPE use

Skills

- Python
- SolidWorks
- AutoDesk AutoCAD
- Adobe Express (Spark)
- Microsoft VBA
- Microsoft Office programs