

**RUTH ANN BAJGIER**  
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Houston, Texas

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**EDUCATION**

Texas A&M University

*Expected Graduation May 2022*

- Bachelor of Science, Petroleum Engineering

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**OBJECTIVE**

Graduating senior with field exposure seeking a full-time Petroleum Engineering position with an oil and gas company specifically in a field-based environment.

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**SKILLS**

Basics of Production and Operations, Economic Analysis, Project Management, and Surface Facility Design | Spotfire | Interactive Petrophysics | PVTsim Nova | CMG Reservoir Simulation

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**WORK EXPERIENCE**

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**Production Engineering Internship: Advance Energy Partners, LLC**

*May – August 2021*

- Evaluated production and gross monthly economics on a lightly producing gas well looking for uplift opportunities achieved through artificial lift options | Worked with vendors on main consideration for plunger lift | Ran diagnostics such as fluid level shots and pressure tests | Worked with field operators to slickline and swab for optimized production | Dissected well history and files on regulatory agency archives | Visited prototype tour of gas lift compressor system to be sent to field |
- Researched, designed, created, recommended, and implemented standard operating procedure and contingency plan for multiple H2S designated areas using due diligence in compliance with regulatory agencies and company H2S policy | Interfaced with vendors and environmental consultant on ROE calculations and to implement controls including chains, signage, wind indicators | Evaluated SCBA versus work line unit ultimately implementing SCBA including trainings in field with third party vendor Attended multiple third party E-learning sessions over GAPL
- Interacted with various WO rig operations: operator of laydown machine pick up rods, rig hands thread production tubing joints to run downhole starting with tailpipe and packerless separator | Opened BOP blind rams to run tubing | Walked through WO rig surface facilities including BOP, accumulator, rig derrick, rod pump, reverse unit, tubing, laydown machine, rods, water tanks and pump containment | Observed well put on vacuum as well control
- Observed field with field foreman: production facilities, tank batteries, wellheads, separators, gun barrel, compressors, wells on rod pump and ESP, VRUs, LACT units, flares | Attended field wide safety standdown regarding production and workover operations

**Production Engineering Internship: Advance Energy Partners, LLC**

*June – August 2020*

- Created field facility reconstruction scope for produced water flow from wellhead to SWD including pipeline calculation specifications and design layout
- Compiled chemical and bacteria produced water samples and created multiple Spotfire dashboards to trend properties and identify anomalies over time
- Built list of improved down time codes for company SCADA system to categorize relationships and minimize overall down time

**Internship: Lime Rock Partners**

*July 2019*

- Analyzed A&D strategies and opportunities and the workings of acquiring producing assets
- Discussed oil & gas Investment Banking/Private Equity industry
- Conducted research project on the benefits of investing in specified E&P companies

**Internship: Hartwell Industries**

*May 2019*

- Designed social media and marketing platform to promote company
- Researched drill bits, including HDD and backreamers, in various industries corresponding to markets in demand

**Internship: Walter Oil & Gas Corporation**

*January 2017*

- Processed economic, environmental, and structural advancements within multiple service companies including Schlumberger, Halliburton, ENSCO
- Developed deeper understanding of offshore daily operations in accordance with risk management and ROI

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**OTHER ASSOCIATIONS**

Society of Petroleum Engineers TAMU DVG Golf Tournament Committee | American Association of Drilling Engineers Member | TAMU Women in Engineering Member | Delta Delta Delta Sorority Co-Director of Formal Recruitment Matching Committee