

Petroleum Engineering Position in Midland, Texas

Company: Henry Resources LLC

Location: Midland, Texas

Open Position: Petroleum Engineer

Summary: This position will involve reservoir and completions engineering responsibilities in unconventional horizontal assets in the Midland and Delaware Basins. The job will require working with a multi-functional team to assess, test, and exploit unconventional reservoirs such as the Bone Spring, Spraberry, and Wolfcamp. Reserve and economic evaluations of horizontal drilling projects and business development opportunities will be a primary role. Frac design will also be a responsibility of the successful candidate.

Job Duties

- Permian Basin (Midland and Delaware Basins)
- Work with Geology to assess reservoir quality and prospective benches to drill and test
- Monitor competitor activity and methods in areas of responsibility
- Generate plans of development (PODs) using test wells and nearby analogs
- Develop type curves, expense models, and capital projections to run single-well and full development economics
- Prepare AFEs for new well drilling
- Work with Drilling group on directional plans and collision avoidance
- Design hydraulic frac jobs and work with Operations group to implement
- Monitor and benchmark productivity of wells
- Keep up with industry trends and technology through professional contacts, conferences, schools, lunches, and industry intel
- Participate in trades with other operators and analyze trade data
- Work with Operations group on day-to-day issues such as artificial lift strategy, workover economics, and well profitability
- Work with team to evaluate business development opportunities and acreage value
- Perform comprehensive year-end reserve survey and asset valuation in areas of responsibility
- Support periodic budget projections to manage cash flow and drilling schedule
- Stay current on software applications, data analytics, and artificial intelligence
- Support engineering initiatives such as industry consortiums and round tables
- Technical presentations to current and potential partners

Software Applications

- Landmark ARIES
- IHS PETRA
- Office 365 (EXCEL, PowerPoint, Word, Outlook, etc)
- TIBCO Spotfire
- IHS and Enverus products
- ArcGIS

Experience & Skills

- Bachelor of Science or higher in engineering field
- 5 to 15 years of oil and gas industry experience
- Team player with a cooperative spirit and good work ethic
- Desire to continually improve and grow professionally
- Good written and oral communication skills
- Capacity to manage multiple projects simultaneously
- Significant exposure to the Permian Basin (Midland and Delaware Basins)
- Decline curve analysis of unconventional horizontal wells
- Ability to assess reservoir quality, POD options, and economic potential of horizontal acreage
- Understanding of economic valuation and metrics
- Horizontal frac design and implementation
- Aptitude with software applications and working with large datasets
- Proficiency in business development evaluations and strategies
- Production engineering and operational knowledge such as artificial lift, water management, and facilities

Henry is an Equal Opportunity Employer. Compensation will be based on experience and qualifications. Henry offers the following compensation package.

- Competitive salary with significant bonus potential
- Option to participate alongside the company in projects
- Generous vacation and Friday-off work schedule
- Medical, dental, vision, life and disability insurance
- 401k with company match

About Henry: Henry Resources LLC is a private oil and gas company established in 1969 and headquartered in Midland, Texas. Henry is focused on horizontal unconventional activity in the Permian Basin. For more information, go to our website at henryresources.com.