

EagleRidge Energy is an Independent Oil & Gas Acquisition, Development & Production company with its primary focus of operations in the Barnett Shale of North Texas. At EagleRidge Energy, we are on the cutting edge of the Energy revolution in America. A revolution that requires us and others to be committed to the principals that are best practices for safety, protection of the environment and productivity. We are dedicated to developing our natural resources in a cost effective and environmentally conscious way.

We are currently looking for a talented individual to act as the company subject matter expert on all things geology working on the development and optimization of all current and potential well assets.

Position Summary

Responsible performing geologically focused technical studies for the purposes of generating best practices to optimize well planning, drilling, and recompletion methods which will drive future development. Examine all data available including: petrophysical logs, well cuttings, well cores, production and pressure data and geophysical data to identify and determine the sequence of processes affecting the development. Geologic support and studies for ongoing Acquisition and Divestiture activities. Prepare geologic reports and maps; and interpret data to present and recommend further action for study. Work closely with the engineering team to perform statistical field-wide scientific analysis utilizing internal and public data to complete subsurface studies and enhance well performance.

Responsibilities

- Evaluate, communicate and report on geological findings.
- Utilize applied software for the analysis and interpretation of geological data.
- Analyze and interpret geological, geochemical, and geophysical information from sources such as survey data, well logs, boreholes, and aerial photos.
- Correlate well logs and pick stratigraphic tops.
- Prospect evaluation work to validate pre-existing interpretations and play concepts as well as creating new interpretations (i.e., depositional environment models, type logs, structure maps, isopach maps, cross sections, qualitative well log/mud log/core analysis, annotated bubble maps, etc.).
- Provide operational support for a drilling and recompletion program including identifying target zones, correlating completion depths, geo-steering wells, managing logging/perforating/seismic crews, etc.
- Create geologic prognosis for AFE support and partner review.
- Prepare maps, cross-sections, and geologic displays for management and investor presentations.
- Subsurface mapping of structure, stratigraphy, hydrocarbon saturation, geochemistry, & producing potential of operated and non-operated acreage.
- Develop growth opportunities through exploration.
- Asset evaluations for acquisition and divestment.
- Applies innovative thinking and regional understanding of petroleum systems in identifying growth opportunities in new and existing fields.
- Identify, procure and evaluate geologic data to increase our understanding of peer operations and techniques to enhance our technical best management practices within the Asset.
- Perform statistical field-wide studies and present findings.
- Manage and coordinate geological well site geosteering and mudlogging for horizontal drilling program.
- Provide geological analysis of multiple reservoirs in various locations. Interpret and integrate well log, core, and test data into a reservoir model. · Work alongside petroleum engineers to select the optimum location for well development. Maintain and update reservoir maps with new well data and 3D seismic as needed.

Education and Experience:

- Bachelor's degree in Geology, Petroleum Engineering, or related field.
- Eight (8) years' experience in production and operations with an oil and gas E & P company, including appraising conventional/unconventional oil and gas targets and a solid understanding of source rock attributes for unconventional targets making them more prone to economic success
- Knowledge of the science in oil and gas plays, and preferably in the North Texas or Barnett Shale region.
- Computer literacy and the ability to analyze numerical and graphical data.
- Knowledge of PETRA, geologic databases and mapping software required.
- Ability to analyze technical data (production, reserves, maps, logs).
- Strong work ethic and enthusiasm to deliver excellent results.
- Demonstrated self-starter with the ability to analyze and process information quickly and manage multiple tasks simultaneously.
- Ability to take ownership of responsibilities and projects and works collaboratively to accomplish goals.
- Strong written and verbal communication skills – ability to clearly explain complex issues.

We offer a comprehensive compensation and benefits package along and with a great small (and growing) company culture. We are located in uptown Dallas with great surroundings and free underground parking.