

Manager Reservoir Engineering

The Manager - Reservoir Engineering will be responsible for leading and developing the reservoir engineering discipline in the Company and will report to the Vice President Engineering. The successful candidate will work with geoscience and engineering professionals to identify, evaluate and recommend optimal development plans to maximize reservoir performance as well as managing the Company's reserves on a quarterly and annual basis.

Responsibilities

- Management of all reservoir engineering activities in support of project development including regulatory application support, optimization of field development plans, and providing the required inputs to drilling, completions and or facilities engineering.
- Stewardship of all inputs used for reservoir analyses, including geological, geophysical, fluid and rock properties and other key operating parameters.
- Recommendations to management and other disciplines in regard to optimal well placement, spacing and configuration and reservoir surveillance methods.
- Development of individual well and full project production forecasts, including recommendations on methods to optimize production and overall recovery. Utilize the latest analytical methods including pressure transient analysis and rate transient analysis methods, where necessary.
- Development of models to understand the effectiveness of horizontal multi-stage fracture techniques.
- Maintaining continual communication with geology, geophysics, drilling, development, facilities, operations engineering, and senior management.
- Stewardship of on-going internal and third party quarterly and annual reserves and resource estimates.
- Future coordination of numerical simulation studies conducted for performance prediction in support of project development and enhanced recovery schemes.
- Building, developing and mentoring the new reservoir engineering group.

Qualifications

- Minimum 10 years reservoir engineering experience preferred.
- Relevant undergraduate degree in Engineering and APEGGA Professional Engineer Accreditation.
- Experience in all facets of reservoir engineering, including, reserves, development planning, regulatory approval process, front end design, production optimization, and economic justification of projects. Experience in numerical simulation would be an asset.
- Demonstrated ability to work with other disciplines and mentor other engineers.
- Experience with horizontal multi-stage fracture techniques would be an asset.
- Demonstrated business acumen for economic recommendation of projects.
- Strong oral and written communication, organizational, and leadership skills complemented with a strong work ethic.

Thank you for your interest in WestFire Energy. Only candidates selected for an interview will be contacted.