Reservoir Engineer, Duvernay Asset
Full-time, based in Calgary, Alberta

Baytex Energy Corp. (the "Company" or "Baytex") is a public company based in Calgary, Alberta, engaged in the acquisition, development, and production of crude oil and natural gas in Western Canada and the United States. For more information, please visit http://www.baytexenergy.com.

Baytex Energy invests in its staff, offering competitive health and wellness programs and a flexible work environment that allows employees to work from home (up to 2 days per week) or the office.

Reporting to the Duvernay Asset Manager, you will work as part of an active, multidisciplinary team supporting new growth and existing production in the Duvernay play. You will drive the subsurface planning for the play's development and contribute to A&D evaluations and the annual review of corporate reserves.

Duties will include but are not limited to:

- Monitor and evaluate reservoir performance to optimize production and recovery (e.g. well testing, decline analysis, reservoir simulation, rate transient analysis, recovery factor analysis).
- Identify opportunities to expand upon existing understanding of reservoir through technical fluid/reservoir studies and testing (core, logs, PTA, RTA, DFIT, PVT, Tracers) to increase play confidence and tune mechanistic models.
- Support the asset team in optimizing the completion design and depletion plan to enhance economics.
- Collaborate with Engineers and Geosciences to coordinate well placement in relation to spacing requirements, surface considerations, drilling limitations, and pool management. (utilizing CPG, DQI etc. to quantify interference)
- Monitor industry and competitor activity and identify opportunities for new technology application, consolidation, farm-ins, and land acquisition.
- Perform and implement Multivariate Regression models to help influence technical / economic decisions
- Provide technical support for evaluations of crown land sales, farm-ins, and acquisition/divestiture activities.
- Work cross-functionally to coordinate long-range asset development plans including project scheduling, type well analysis & and production forecasts, reserve management, and capital plans.
- Develop production, recoverable reserves, and economics forecasts for internal budgets and report against these plans through the budget year.
- Ensure corporate compliance with regulatory bodies.
- Assist with the company's reserve bookings and liaison with independent engineering audit firm(s).
- Work to improve workflows with data automation and integration between systems

Qualifications:

- 5+ years of direct reservoir engineering experience with strong technical reservoir engineering skills.
- University Degree in Engineering or Petroleum Engineering Diploma.
- Professional APEGA Member is preferred.
- Proficiency in numerical modeling, RTA/PTA, history matching, and frac modeling
- Experience in Unconventional North American resource plays, with a strong preference for Duvernay experience.
- Strong proficiency in reservoir performance analysis, well testing, material balance, and decline curve analysis.
- Must be able to work collaboratively in large, multi-disciplinary teams.
- Proven ability to identify technical opportunities and successfully implement value-added projects.
- Possess the ability to work independently with minimal direct supervision.
- Strong work ethic and demonstrated ability to think critically.
- Excellent written and verbal communication skills.
- Software experience in Whitson+, Geoscout, ValNav, Power BI and Data Analytics is considered an asset.

Interested and qualified applicants may submit their resume in confidence to: resumes@baytexenergy.com

Baytex thanks all applicants for their interest; however, only candidates chosen for an interview will be contacted.

Closing Date: January 20, 2025