

Are you a dynamic, highly motivated, rising star? Then you may be the right fit for Canacol. We are growing through development and exploration success in the world's most prospective basins. As we grow, we're looking for new team players that can fit in with a forward-thinking group that genuinely enjoys working together.

Join Canacol and you'll have a chance to make a big impact and grow with a corporation that's going places. We offer a very competitive compensation program, best-in-class career opportunities and an exciting workplace environment.

Founded in 2008, Canacol Energy is looking for a Reservoir Engineer for its head office in Calgary.

### **Position Overview:**

Canacol Energy is seeking a Reservoir Engineer to work with an interdisciplinary team responsible for the Company's hydrocarbon assets. These assets are at a variety of stages of maturity ranging from exploration, appraisal of discoveries to mature field development.

The mission of the incumbent will be to maximize the recovery potential and value of an asset through the technical evaluation, recommendation and execution of exploration, exploitation and development opportunities.

### **Primary Responsibilities:**

- Provide evaluation work to support development drilling opportunities including productivity, reserves, costs, and risk assessment. Coordinate well placement with team members as it relates to spacing requirements, surface considerations, drilling limitations and pool management.
- Identify and provide recommendations on the completion and workover of new and existing wells, working with the technical and operations teams to recommend and execute programs.
- Incorporate static modelling and reservoir simulation learnings to impact field development planning including optimizing well and workover design and operations.
- Optimize total field development including number of wells, well placement/spacing, and rate and reserve forecasts for facility design and marketing purposes.
- Identify opportunities for exploitation including studies, simulation, lab work, formation evaluation and testing, drilling, completion, workovers, secondary and tertiary recovery, and pool management.
- Support the Exploitation group by generating depletion forecasts aligned with company depletion plan.
- Support the Exploration group by providing necessary reservoir engineering inputs (pressure prediction, fluid analysis, test design and flow rate estimates)
- Maintain and ensure the accuracy and integrity of the production and reserves within the assigned areas of responsibility.
- Working within the interdisciplinary team, directly responsible for preparing and summarizing technical recommendations, and moving them forward to economics, approval, and project execution

- Document all technical work with clear and concise written recommendations, including proposals and look-backs.
- Gather consensus amongst technical and operational team members, and present project recommendations to management.
- Impart *all the above* to Bogota-based colleagues, particularly in Operations.

### **Technical Experience:**

- Experience in the analysis of data for the exploration, appraisal, development, and operation of hydrocarbon reservoirs is required.
- Good knowledge of well test analysis and analytical reservoir methods such as material balance and flowing material balance.
- Experience in the construction, running, history-matching and prediction running of reservoir simulation models, together with the incorporation of geological models, is required.
- Study and operational experience of gas and gas condensate field appraisal, development and operation is desirable.
- Experience in the application of statistical methods for rock parameter distribution, stochastic volumetric estimation, field development planning and economic valuation would be an advantage.
- Knowledge and previous experience with reservoir engineering interpretation and modelling software is helpful.
- Experience with resources estimation methodology and knowledge of NI51-101 and SPE-PRMS is required.

### **Qualifications:**

- Bachelors or Master's degree in petroleum, Mechanical or Chemical Engineering, or equivalent,
  - Professional Engineering designation from APEGA required (P. Eng.)
  - 12+ years experience (majority with an operating company).
  - Solid project and team management skills, with the ability to effectively coordinate competing priorities.
  - Background in production forecasting, well testing, pressure transient analysis, economic and risk analysis
  - Strong commitment to teamwork, communication, continuous improvement, and meeting deadlines and strong business acumen.
  - Innovative, self-sufficient, and motivated, to bring team proposals to management.
  - Proficiency in the application and use of a variety of engineering and industry software packages (OFM, CMG/Eclipse/IX, KAPPA suite, PETREL, PETEX Suite, PVTsim, MS Office etc.)
  - Regularly interface with colleagues based in field office. Ability to travel internationally.
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**Reservoir Engineer**

**Status:** Full-time Employee

**Location:** Calgary in Office

**Reports to:** Chief Reservoir Advisor

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**Application Process:**

To apply, please submit your resume to [resumerestoration@canacolenergy.com](mailto:resumerestoration@canacolenergy.com) with the job title in the subject line.

Thank you in advance for your application, but only those candidates selected for an interview will be contacted for this position.