

### About us:

Birchcliff Energy Ltd. was founded in 2004 and is a Calgary, Alberta-based intermediate oil and natural gas company that explores for, develops and produces natural gas, light oil and natural gas liquids. We are a pure-play Montney producer and our operations are focused in the Peace River Arch area of Alberta. We believe our people are our most valuable asset and have an open and transparent communication policy between our staff, managers and executive team.

Birchcliff strives to be a **leader in analytics**. We have an extensive and growing digital infrastructure including data pipelines, data resources, dashboards, analytics apps, and data science/machine learning processes. We heavily use Spotfire, Virtualization and R-Script to create fit-for-purpose tools that make our people more efficient and better decision makers.

Birchcliff is seeking a savvy and enthusiastic **Analytics Engineer** to join the Strategic Planning & Business Intelligence team. The group is a centralized team that supports corporate data management, analytics, data science and reporting across a variety of disciplines (geoscience, operations, production, development, reservoir, strategic planning, etc.). We are responsible for building and managing the technical data and analytical tools our asset teams leverage for analytics. The ideal candidate will come with a rich industry background and a passion for analytics, technology, software and developing novel solutions for challenging problems. They are creative, innovative and thrive in creating best-in-class solutions.

The term of the position is for **16 months**, with an anticipated start date of November 1, 2022. This position has the potential to turn into a full-time term position. We thank all applicants, however, only those meeting the minimum academic and experience requirements will be considered for the position.

### Key Responsibilities:

- Design, develop, and maintain scaled, automated, user-friendly systems, reports, dashboards, etc. that will support business needs
- Act as key owner of internal machine learning workflows and processes
- Champion the use of Spotfire and scripting languages and provide peer training and support
- Be an adaptive problem solver who can provide insights into a variety of energy-focused disciplines and technical situations by working closely with subject matter experts
- Assist in maintaining high data quality and completeness for our technical data sets
- Act as a resource for technical team members when it comes to data availability, Spotfire support, analytic requests, workflow development, etc.
- Perform detailed data/product QC before delivering high-quality solutions
- Support our Spotfire environment by creating, modifying, and troubleshooting views in our virtualization software (Tibco Data Virtualization)
- Develop clear, concise documentation and presentations when appropriate

**Technical Requirements:**

- Expert in visualization/BI tools such as Spotfire, Microsoft PowerBI, Tableau
- Proficient in using R scripting language with a proven track record in using code to solve industry problems (packages including: data.table, caret, DBI, sf, ggplot and more)
- Proficient with SQL, ETL, and databases in a business environment with large-scale, complex datasets
- Experience with APIs is considered to be an asset

**Education, Skills and Abilities:**

- Bachelor's degree in Engineering, Geology, or equivalent required
- 5-10 years of energy industry experience in a technical role where you leveraged analytics and data science to provide insights into oil & gas challenges
- Experience and comfort navigating Oil and Gas unconventional data sets and familiarity with key concepts and fundamentals like drilling & completions design, production forecasting, economic evaluation and development optimization
- A genuine passion and curiosity in all-things analytics
- Ability, willingness, and desire to learn new analytical skills to fit a dynamic environment
- Ability to thrive within multi-disciplinary teams
- Clear communication skills and willingness to ask questions to fully understand stakeholder requests
- Ability to oversee project execution from stakeholder engagement right through to fully realized solution
- Attention to detail when delivering data and insights
- A keen eye for clear, concise, and insightful visuals/dashboards/interfaces

**Application Process:**

Interested applicants are invited to submit their resume to [careers@birchcliffenergy.com](mailto:careers@birchcliffenergy.com) with "Term Analytics Engineer" in the subject line of the email.

- *Applications will be accepted until September 30<sup>th</sup> 2022.*
- *Desired start date for this position is November 2022.*
- *This position qualifies for a term-benefits package.*

We thank you in advance for your submission; however, only those selected for an interview will be contacted.

Please visit [www.birchcliffenergy.com](http://www.birchcliffenergy.com) for more information about our organization.