CARDINAL
ENERGY LTD.

**Thermal Development Engineer**

Cardinal Energy Ltd. is an upstream oil & gas company with assets in Alberta, Saskatchewan, and British Columbia and a track record of sustainable energy practices and innovation in the oil and gas sector over the past 10+ years. Following the success of our Reford 1 SAGD Project, Cardinal Energy is now expanding its thermal heavy oil operations in Saskatchewan with the ongoing execution of the Reford 2 SAGD Project as well as the development planning of Project #3 and beyond. As part of our continued growth, we are seeking a skilled Thermal Development Engineer to join our dynamic team. Periodic field trips will be an expectation for this role.

**Position Overview:**

As the Thermal Development Engineer, you will play a pivotal role in the successful development and operation of SAGD projects in Saskatchewan. You will work across a multidisciplinary team on greenfield and brownfield SAGD projects with responsibilities spanning economic evaluation, competitor analysis, development planning, capital budgeting, well delivery, and infrastructure development.

**Experience and Qualifications:**

- Bachelor's degree in Chemical Engineering, Mechanical Engineering, or a related field.
- Eligible for registration as a Professional Engineer (P.Eng) with APEGA or APEGS.
- Minimum of 3-5 years of relevant oil and gas industry experience.
- Experience in thermal heavy oil development is strongly preferred.
- Experience with development planning, project economics, production forecasting, or capital budgeting.
- Experience with economic evaluation software, production forecasting tools, Power BI, Python, or similar analytical platforms is an asset.
- Strong organizational and communication skills with the ability to coordinate multiple concurrent activities.

**Key Responsibilities:**

1. Support short and long-term development planning for thermal assets, including the identification, evaluation, and prioritization of greenfield and brownfield development opportunities.
2. Build and maintain economic models to support project evaluations and investment decisions.
3. Support annual capital budgeting, expenditure tracking, and forecasting activities.

4. Support regulatory planning, permitting, and stakeholder engagement activities associated with development projects.
5. Originate and utilize data analysis and visualization tools to monitor production performance, identify trends and anomalies, and drive continuous improvement initiatives.
6. Lead projects, such as delineation programs and water source testing, coordinating activities, managing budgets, and ensuring timely completion.
7. Collaborate with cross-functional teams, including Production Engineering, Reservoir Engineering, Facility Engineering, Operations, and Environmental Health and Safety, to achieve project objectives and optimize asset performance.
8. Travel periodically to field locations to provide technical support and collaborate with field personnel to optimize operational performance and address challenges as they arise.

If you are a motivated and results-oriented professional with a passion for thermal heavy oil production and the flexibility to travel periodically to field locations, we encourage you to apply for this exciting opportunity. Join us in shaping the future of sustainable energy production.

To apply, please submit your resume and cover letter outlining your relevant experience and qualifications to ThermalCalgary@cardinalenergy.ca.

Cardinal Energy is an equal opportunity employer and values diversity in the workplace. We thank all applicants for their interest in this position; however, only those selected for an interview will be contacted

For more information on Cardinal Energy Ltd., please visit our website at:
www.cardinalenergy.ca

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