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## GEOLOGIST

**Job Type** Full time, Permanent  
**Reporting To** Manager, Reserves Geology & Emissions Reporting  
**Location** Calgary Head Office

### Company profile

Cavvy Energy is a Canadian energy company headquartered in Calgary, Alberta. Through several corporate and asset acquisitions the Company has grown into a significant upstream and midstream producer with assets concentrated in the Canadian Foothills, producing conventional natural gas, NGLs, condensate and sulphur.

Management is excited about Cavvy's opportunities and prospects within our existing asset base in the Canadian Foothills; during the past year Cavvy has strategically refocused on sustaining and growing its upstream exploration and production ("E&P") and midstream business. Our objective is to continue Cavvy's pivot towards growing a sustainable and profitable conventional Foothills oil and natural gas business while continuing to explore opportunities to diversify market access for the products we produce.

### Position summary

We are seeking a motivated, detail-oriented **Geologist** to join our multidisciplinary team. In this dynamic role, you will provide geological support across key operational areas including Land, Production, Abandonment & Closure, Data Management, and Prospecting. The successful candidate will bring a solid foundation in geological principles, a willingness to learn, and a strong desire to apply their technical skills in real-world scenarios. This position offers a valuable opportunity to gain hands-on experience across the full asset lifecycle, contribute to strategic decision-making, and grow under the mentorship of an experienced geoscientist and other technical professionals.

### Key responsibilities

#### Land Department Responsibilities

- **Mineral Land Management:**  
Manage Section 18 requests, offset notices, and land relinquishment decisions, ensuring compliance with regulatory requirements and maximizing land value.
- **Land Evaluations & Divestitures:**  
Conduct detailed land evaluations for potential farmin, farmout, or divestiture opportunities. Identify strategic value in existing and prospective land holdings.

- **Land Sale Assessments:**  
Analyze our land portfolio in comparison to surrounding assets, providing valuation insights and recommendations, particularly under new land leadership.
- **Geoscout Operations:**  
Perform technical geological work and land data analysis using Geoscout, supporting cross-departmental decision-making.
- **Continuations:**  
Manage and oversee continuation processes to maintain asset integrity and regulatory compliance.

## Production Department Responsibilities

- **Commingled Zone Analysis:**  
Identify water production in commingled zones and recommend water shut-off strategies to enhance productivity and optimize reservoir performance.
- **Reservoir Pressure Mapping:**  
Create detailed maps of reservoir pressure and depletion trends, with a focus on complex foothills regions.
- **Geologic Reservoir Modeling:**  
Contribute to the development of a reservoir model, modeling for acid gas injection schemes.

## Abandonment & Closure Activities

- **Geological Review for Abandonment:**  
Provide geological input for well abandonment decisions based on uphole potential and long-term field development strategies.
- **Regulatory Collaboration:**  
Work closely with BC Energy Regulator (BCER) and Alberta Energy Regulator (AER) on abandonment operations, including geological justifications for porosity identification and cement plug placement.  
Handle non-routine abandonment applications and maintain direct communication with BCER geological staff.
- **Porosity & Pressure Analysis:**  
Identify and interpret porosity zones and top of cement interactions using pressure and well integrity data.

## Prospecting & Value-Adding Activities

- **Play Development:**  
Design and develop new plays across our land base using integrated datasets; seek innovative funding models and farmout opportunities to advance exploration.
- **Reserves Support:**  
Support Proved Undeveloped (PUD) reserves management. Coordinate with internal technical teams and external reserves auditors, track changes, and report to senior leadership.
- **Production Optimization:**  
Identify and evaluate opportunities for recompletions, workovers, and production enhancement initiatives to improve asset value.

- **Offset Evaluations:**  
Monitor and evaluate competitor (offset) activities and incorporate relevant intelligence into our strategic planning.

## Data & Asset Management

- **Data Integration:**  
Process and incorporate legacy data and other third-party datasets into internal systems to enhance subsurface understanding.
- **Well File Management:**  
Maintain and organize physical and digital well files to support regulatory and operational needs.
- **Offsite Records Management:**  
Retrieve and manage offsite geological and engineering records, ensuring data availability for technical reviews and regulatory responses.

## Education, experience, skills & attributes

### Education

- Bachelor's degree in Geology or a related Earth Sciences discipline.

### Experience

- 3+ years of experience in similar role.
- Proficiency in geological software (e.g., Geoscout, or similar platforms).

### Skills & Attributes:

- Excellent verbal and written communication skills; ability to work effectively in a multidisciplinary team.
- Strong organizational skills with the ability to manage multiple projects and priorities.
- Motivated and eager to learn, with a willingness to apply knowledge gained from experienced team members in a collaborative setting.

### Why Join Us?

At Cavy Energy Ltd., you won't just be another geologist – you'll be a key contributor to a multidisciplinary team working across the full asset lifecycle. This is a rare opportunity to gain hands-on experience in land, production, abandonment, prospecting and data management – all under the mentorship of seasoned professionals.

We value curiosity, initiative and technical excellence. You'll have the chance to engage in meaningful work that directly influences operational and strategic decisions, while expanding your skills in a collaborative and supportive environment.

Whether you're mapping complex foothills reservoirs, evaluating land for strategic growth, or identifying optimization opportunities, your work will have an impact. If you're looking to accelerate your professional development while contributing to innovative, cross-functional projects, we invite you to bring your expertise, and your passion to our team.

Cavvy is an equal-opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, colour, religion, sex, national origin, age, disability, protected veterans' status or any other legally protected factors. Accommodation for applicants with disabilities is available upon request during the recruitment process.

**To apply please send resume to [HR@cavvyenergy.com](mailto:HR@cavvyenergy.com)**