



EXPLORATION GEOPHYSICIST

Reporting to:	Team Lead Geoscience (Magdalena Basins)
Department:	Exploration
Location:	Calgary, Alberta
Posting Number:	PXT20240508

Why work at Parex Resources Inc.?

The Parex team is always looking to add top talent to our organization who share our values and bring capabilities to deliver our business safely and with integrity aligned with our Environmental Social & Governance (ESG) commitments in the areas where we operate.

Parex Resources is a publicly-traded exploration and production company. With its headquarters in Calgary, Canada, and its operations in Colombia, the company has an over 10-year history of delivering shareholder value. Highly profitable, the company possesses a strong balance sheet and is extremely well positioned to continue growing organically.

As we shape the Parex story, we are grounded in making the right decisions for all stakeholders, including the communities where we live and work, environmental stewardship, our employees and investors. This includes a robust Total Rewards package for all of our employees, to ensure that we continue to attract and retain top talent. Be part of an exciting and growing team that continues to exceed expectations and transform to keep pace with the ever-changing global industry.

How do you fit in?

We are seeking an Exploration Geophysicist for the Magdalena Basins of Colombia, with the position based in Calgary. Reporting to the Team Lead Geoscience, the successful candidate will work within a multi-disciplinary team to evaluate, quantify, and communicate the prospectivity of this exploration focused area. As a skilled structural geophysicist, you will provide thoughtful data analysis with 2D / 3D interpretations of complex structures, integrated with advanced seismic techniques.

What you will do:

- Play a key role in advancing the Company strategy by orchestrating the addition of new reserves and ultimately production through prospect generation and exploration.
- Provide detailed calibration and interpretation of seismic products to characterize the geological model of exploration prospects, including volumetric and risk characterization.
- Collaboratively define, communicate and execute work within a multi-disciplinary team as required to advance exploration concepts to drill ready opportunities.
- Develop and present interpretations and recommendations to senior management and technical teams.
- Provide geophysical technical support to the group's Acquisition & Divestiture (A&D) evaluations, when required.
- Provide technical guidance and interpretation support for seismic acquisition and processing projects.
- Support drilling operations by providing timely and accurate geophysical insights.

What you must have/be:

- Bachelor of Science or advanced degree in Geophysics, Geology or a related field.
- Proven oil finder with minimum of 10 years' interpretation experience in both structural and stratigraphic plays.
- Ability to interpret faulted structures and define prospectivity, particularly on 2D and poor quality seismic data, and with consideration to geological control and all other available datasets.
- Diverse background of interpretation in a variety of structural settings.
- Strong collaborator, working with other disciplines to produce high quality integrated Geological-Geophysical Engineering (G&G&E) assessments.
- Self-motivated and results-orientated individual, focused on providing integrated exploration concepts, with ability to advance them to drillable opportunities.
- Understanding of seismic acquisition and processing.
- Ability to understand, interpret and communicate uncertainty and constraints of rock physics-based inversions on interpreted prospects.
- A proven reputation for technical competence, thoroughness in approach, and success in generating prospects.
- Proficiency in seismic interpretation software such as Petrel, Kingdom, or similar.
- Beneficial, but not required:
 - International oil and gas experience;
 - Pre-Stack Depth Migration (PSDM) and inversion experience;
 - APEGA professional member.

Where you'll be working:

This position is located in our Corporate Headquarters at 2700 Eighth Ave Place, West Tower in Calgary, Alberta T2P 1G1, Canada.

Occasional travel to Colombia will be required approximately 1 to 3 times per year.

Ready to join our team?

Please apply via the posting on [LinkedIn](#).

Posting Closes: May 29, 2024

We appreciate your interest in working with us, however, only those applicants selected for interviews will be contacted.