PIERIDAE ENERGY

Production Engineering – Summer Student

Position Title:
Summer Student
Production Engineering
Job Type:
4 Months
Reporting to:
Ken Doyle
Location:
Calgary Head Office

Company Profile:

Pieridae 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 Pieridae's opportunities and prospects within our existing asset base in the Canadian Foothills; during the past year Pieridae has strategically refocused on sustaining and growing its upstream exploration and production ("E&P") and midstream business. Our objective is to continue Pieridae's pivot toward 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:

The successful candidate will be a fully integrated member of the production engineering team. The primary responsibility will be gathering and evaluating downhole data (wellbore diagrams, lab analysis, chemical injection, workover reports, etc.) related to solids formation on well tubulars across all Pieridae assets. The ultimate objective will be utilizing this data to recommend the most cost effective well workover interval and best suited technology to deploy. In addition, this position will entail other typical production engineering tasks, such as pipeline modeling, artificial lift evaluation, and well surveillance. The selected candidate will be supported by the experienced production engineering and completions teams and will report directly to the production engineering manager.

Key Responsibilities:

The Production Engineering Summer Student is responsible for, but not limited to:

- Evaluate well current operating expenses & identify and recommend potential cost savings.
- Evaluate both electronic & paper well files for relevant data (i.e. wellbore schematics, previous workover results, etc.) to be used to determine previous solids formation.
- Evaluate previous production trends to determine effectiveness of previous workovers.
- Review historical engineering well evaluation and extract the important information related to solids formation.
- Extract data (elevation profiles, gas compositions, pipeline sizes, production rates, etc.) from various systems (GeoScout, ProdView, PI, Google Earth, etc.) to build pipelines models.
- Calculate theoretical Critical rate for a well (formulas provided) and predict the expected liquid loading date to identify when artificial lift may be needed.

Experience, skill attitude:

- Self-Starter: Dig into the data and use it to develop technically sound solutions to challenging problems.
- Excellent Communicator: Ask questions to learn quicker and deliver results sooner.
- Entrepreneurial Spirit: A technical solution is only successful if economic.
- Team Player: Help others when you can and ask for help when needed to ensure everybody is successful.

- Passion: Bring the energy to complete your project. The team will help over the term, but you are in charge.
- Open Minded: Willing to learn new skills, approach problems with an open mind, and bring forward new ideas.
- Software: Working knowledge of MS Excel, GeoScout, ProdView, PI & UniSim would be considered an asset.
- Position Specific: Working knowledge of downhole diagrams, well workover procedures and reports is considered an asset.

Pieridae is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, 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.