

Search #976 Reservoir, Development Engineer

The Organization

Our client is a Calgary-based public, oil/liquids-weighted energy company involved in the development of low decline assets focused in Saskatchewan and Alberta. Their primary growth has been through analysis, engineering, expansion of existing production, development and operations. In addition, they will make accretive strategic acquisitions as they arise or generated internally.

Why Consider This Role?

- Their assets are primarily light and heavy oil, operated by the company.
- This is a hands-on technical role with direct influence on company assets. You contribute to the corporate decision-making process.
- They use various EOR techniques, which you will need experience in.
- Our client is not a “build and flip” style. This company is much like the type of assets they have; long-life and long-term. High performance will have career upside.

Activities and Experience

The successful Engineering candidate will work independently and as an integral part of the development team to help determine the technical and strategic direction of the company while maximizing value. Knowledge of how value is added to the shareholder is a must. The candidate must be able to demonstrate leadership and initiative within the organization, be able to direct and work effectively with staff and/or consultants, both in the Calgary and field offices. Specific responsibilities include:

- Collaborative Subsurface Technical Interpretation: work with the team of production, operations, field and G&G to reach the best possible technical interpretation and planning of a producing field.
- Reservoir Surveillance: Monitor and analyze performance and pressure of existing wells, and make recommendations for additional surveillance work, including cased hole logging, fluid analysis, well testing, and core analysis programs.
- Understand production optimization: Provide guidance for optimizing immediate and long term production, including recompletions, water shut off, pump optimization, pressure maintenance schemes, and EOR studies.
- Asset Management: Construct development plans to maximize reserves capture and value over the full life of the producing assets within concession expiry timeframes.
- Reserves Management: Identify opportunities that result in reserve additions, including wellbore optimization and recompletions, forecasting, and numerical simulation. Assist in maintaining and ensuring the accuracy and integrity of corporate reserves through the company’s internal reserves tracking process and working with corporate reserves auditor during the annual reserves assessment process.
- Project Studies: conduct and/or oversee longer term, more complex studies to determine ultimate development and EOR strategies, including petrophysical evaluation, geostatistical modeling and numerical simulation
- Data Capture: Ensure appropriate data is being delivered, QC’d, and archived in the company database
- Budget: Work with the broader team to develop annual work program and budget, by providing forecasts and economic evaluations where required
- Relationships: Work with the broader team to communicate the company’s business strategy, plans and technical viewpoints to partners and government bodies.

Experience

You have an Engineering Degree and are APEGA qualified with 10+ years of experience. You are a team player who is responsive, communicative and willing to work with all parties within and external to the organization. The successful candidate will also have the following experience:

- Progressive experience as an Asset Engineer with an attention to detail
- Conducted reservoir studies and associated economic studies
- Generated development and optimization plans, managed budgets and reserves
- Implemented and managed secondary and tertiary oil recovery schemes such as water, CO2 and miscible floods
- "Classic" reservoir training in material balance, log analysis, WTA, reserves and simulation is required. Familiar with Accumap, GeoScout, PVR and Verdazo
- Working knowledge of completions, artificial lift, wireline formation testing, and production logging is required

**To Advance Your Career forward your resume to;
Trevor Johnstone (403) 539-9420 trevor@jres.ca**