



The Quaderra Group specializes in the placement of technical and executive professionals in the energy and resource industries within Canada and around the globe. We utilize an innovative and proactive approach to reveal hidden talent to our clients and well-matched opportunities for our candidates. Our priority is to maximize the fit between companies and candidates. We look for the right fit – beyond the resume. This means we focus on getting to know YOU. This includes not only your skill set, but understanding what's important to you to help determine what you really want. We work for you – your satisfaction is our success.

JOB ID #: C08129

JOB TITLE: Senior Reservoir Engineer – Thermal SAGD

POSITION LOCATION: Calgary, AB

OPERATING AREA: Oil sands, Northern Alberta

Our Client:

Our client is an integrated International oil and gas company with operations. The culture of the organization is founded on strong values and high ethical standards. The company aims to provide long-term growth and continue to develop technologies and manage projects that will meet the world's energy and climate changes in a sustainable way. The company currently holds a substantial land base of oil sands leases in Northern Alberta which will result in full field development producing over 200,000 bbl/d. The Oil sands Pilot is coming on stream in 2010 at 20,000 bbl/d with plans for further expansion, and the current 10,000 bbl/d SAGD facility is on schedule. The second Oil sands Project is in the planning phase for developing a 40,000 bbl/d commercial plant.

The objective of this position is to provide reservoir engineering and simulation support to the development of oil sands assets by using SAGD, solvent co-injection and/or other novel thermal recovery technologies. While this position will report directly to the Manager, Reservoir Studies, he/she may also be seconded to other Division or Department on a short-term basis.

Reporting Structure:

This position will report to the Manager, Reservoir Studies.

Responsibilities/Accountabilities:

- Contribute to the success of our projects by working effectively in a team environment with Geology, Geophysics and other Engineering disciplines.
- Conduct numerical modeling, subsurface studies and exploitation planning.
- Generate production forecasts using reservoir simulation, production analysis and other reservoir engineering techniques.
- Optimize well pattern layouts, development sequences and well placement.
- Formulate fit for purpose reservoir surveillance plans to collect reservoir data.

- Analyze subsurface and surface field data to obtain key reservoir/well performance parameters.
- Perform regional studies (including analyzing competitor public data) to improve understanding of the SAGD process.
- Generate risked OBIP, production profiles, recoverable volumes for reservoir management. Participate in the reserve booking process including the evaluation, documentation, presentation and the reporting steps.
- Liaison with external partners and regulatory agencies. Support regulatory processes including technical justifications to the regulator and offsetting operators.
- Formulate and implement laboratory data acquisition programs including costing and vendor selection.
- As an asset team member, actively participate in revising development plans and capital cost forecasts as required.
- Provide input to economic evaluations, new land acquisition and joint venture opportunities as required.
- Assist in mentoring less experienced Engineers, EITs and intern students.

Qualifications

- To be considered for this position, you must be a Canadian Citizen or be a Canadian Landed Immigrant.
- Bachelor of Science degree in Engineering and APEGGA membership (P.Eng. designation) is required.
- 10+ years experience in reservoir engineering and related experience working within an integrated team including Geology, Geophysics and other Engineering disciplines.
- 10 years minimum experience with the SAGD development process is required.
- Reservoir experience in thermal recovery of bitumen is required.
- Exposure to steam solvent co-injection and/or Gas-Over-Bitumen is preferred.
- Experience with STARS, Exotherm or Eclipse Thermal simulation is required.
- Strong subsurface technical management skills.
- Ability to provide recommendations under varying timelines and working with sometimes limited or conflicting data.
- The candidate must be a self-starter and be able to handle multiple projects concurrently.

Compensation/Remuneration:

Compensation will include competitive base salary, bonus, long term incentive, pension and savings plan, personal allowance, vacation, 10 personal days off per year, office closure between Christmas and New Years, and excellent benefits package.

How to Apply: If you are interested in this position, please submit your resume in Word or .RTF format to info@quaderra.com including job ID #C08129 in the subject line. Thank you.