

POSITION DESCRIPTION

POSITION **Senior Consultant - Reservoir Engineer**

LOCATION **London, UK**

OVERALL PURPOSE OF THE JOB:

The Senior Consultant Reservoir Engineer is an integral member of the RISC team whose goal is to deliver value-adding, technically and commercially sound advice and insights to clients in the areas of asset acquisition, development, management and divestment in the upstream oil and gas industry.

The overall purpose of the job is to apply reservoir engineering expertise to:

- valuing assets for merger, acquisition or divestment purposes;
- asset and portfolio optimisation;
- independent expert reports;
- new field development planning and management;
- gas market supply and demand analysis;
- support strategic planning assignments.

PRINCIPAL ACCOUNTABILITIES:

The Senior Consultant Reservoir Engineer will be accountable **for**:

- delivering technically competent reservoir engineering analysis and advice;
- achieving project milestones and deliverables in accordance with the agreed project plan and budget;
- management of personal work load to facilitate achieving the RISC team's overall business objectives.

The Senior Consultant Reservoir Engineer will be accountable **to**:

- his/her Mentor;
- Project Managers for project related work;
- the RISC team as a whole;
- client representatives as appropriate.

MAJOR DUTIES AND RESPONSIBILITIES:

Technical

- Gather and quality check relevant data and information necessary to undertake reservoir engineering study and analysis. This may require attendance in data rooms or client offices in Australia or in international locations;
- Audit and if necessary adjust existing reservoir engineering studies, models and estimates to ensure they comply with generally accepted good practice;
- Provide independent advice on certification of reserves to SPE PRMS, SEC or other standards as required;
- Participate in internal and external Peer Reviews;
- Construct independent analytical or numerical reservoir models;
- Prepare field development plans in order to evaluate the range of development possibilities under various scenarios;
- Prepare production forecasts, production optimisation strategies and reserves estimates;
- Attend data rooms to gather key engineering and financial data to ensure proper evaluation of assets on offer for sale;
- Prepare conceptual development plans for evaluation of exploration prospect;
- Prepare inputs to economic evaluation models;
- Demonstrate an ability to quickly identify key risks and uncertainties and to focus on the key issues likely to impact the conclusions of the work and the value of the work to the client.

Non-technical

- Prepare and manage project plans to deliver client expectations and results including:
 - ✓ Developing workscopes to meet and comply with client expectations;
 - ✓ Scheduling work and preparing project budgets;
 - ✓ Undertaking work in accordance with the project plan;
 - ✓ Preparing project reports, presentations and progress reports to meet client expectations and RISC's standards;
- Maintain the highest standards of personal and professional integrity and confidentiality;
- Identify and execute business development initiatives;
- Contribute to promotion and development of RISC in order to meet RISC's business plan objectives.

KEY RELATIONSHIPS

- Internal:** Mentor – all matters not related to specific projects;
- Project Managers – specific to each project undertaken;
- Liaise and consult with other RISC team members as required to contribute to achieving RISC's business and cultural objectives.
- External:** Liaise with Client focal point to ensure service requirements are met and identify future needs are adequately resourced as required.

JOB KNOWLEDGE AND EXPERIENCE

- Minimum of 8 years post graduate experience in the reservoir engineering field;
- Degree in Petroleum Engineering or other relevant degree or postgraduate qualification from a Tertiary Institution;
- Ability to fully integrate work flow with other disciplines (e.g. G&G, well engineering, facilities and economic analysis) to produce an economically rational development strategy;
- Demonstrated ability to prepare project execution plans, manage the work scope and deliver expected results and outcomes in accordance with the plan;
- Good working knowledge of SPE Petroleum Resource Management System with awareness of major differences in respect of other reserves/resources standards;
- Superior analytical and computing skills, including familiarity with common reservoir engineering applications, as well as MS Office and @RISK (or similar);
- Ability to design and edit an integrated report in English for peer review and to client issue standard.

PERSONAL ATTRIBUTES

- Self-confidence and ability to work with minimal supervision.
- Highly motivated and results driven
- Demonstrates strong leadership qualities through the ability to influence others and direct them towards a goal without reliance on authority or position.
- Adaptability by maintaining effectiveness in varying environments, tasks, responsibilities or people.
- Sets high goals and standards of performance for self, subordinates, others and the organisation
- Ability to work with and relate to both Western and non-Western cultures.
- Superior written and oral communication skills. Able to clearly express ideas in writing.