



POSITION DESCRIPTION

Position	Petroleum Engineer
Department	Onshore WA Operations Team
Reporting Relationships	Reporting to GM Onshore WA
Location	West Perth with some travel required on adhoc basis.

Role Description

Assist with cased hole well programmes, well campaign equipment preparation, on-site engineering support during well operations as well as integrity management of all operated cased wells.

Roles and Responsibilities

(Include but are not limited to the following):

- Field Production – assist with well surveillance & production monitoring and execute activities to improve well performance. Responsible for daily production reviews, gas nominations, monthly production reporting and six-monthly well integrity reviews.
- Cased Hole Well-work Planning – Assist with preparation (with guidance from more senior team members) technical programs for well completions, workover, stimulation, abandonment, etc. Assist with preparation of well-work management documents including WOMP.
- Perform fundamental calculations that guide well equipment specifications and operations planning that include but are not limited to; pore pressure and fracture gradients, gas gradients and maximum surface pressures, axial, torsional and temperature checks against equipment specifications, fluid volumes and hydrostatics in pumping operations, required test pressures and sequences etc.
- Working closely with industry service providers, ensuring clear communication and understanding of their expected roles and responsibilities, and identifying the gaps between service providers where the operator must provide support.
- Provide team input to optimizing operational sequences, methods and equipment to meet a well's program objectives. Perform cost / benefit reviews as relating to well operations as required.

- Participate in operational, integrity, safety and environmental risk assessments as required for operational planning.
- Liaise with other Mitsui divisions such as HS&E, procurement and contracts as relevant to operations being undertaken.
- Approvals – Assist in obtaining corporate, JV and regulatory approvals for well-work, as required.
- Authorisation For Expenditure (AFE) – Assist in preparation of AFEs for internal and JV partner approvals.
- Coordination – Provide base support to field activities in terms of resourcing material / services and coordinate logistics to support well intervention activities.
- Job Execution – Assist in supervision of well intervention activities in the field as and when required.
- Undertake technical investigations / studies with support and guidance from senior team members as required.
- Compile close out reports for well operations.

Qualifications / Experience / Requirements

- Degree in Petroleum Engineering or a degree in Engineering with relevant industry experience - with specific emphasis on the core competencies required for the role.

General Responsibilities:

(Include but are not limited to the following):

- Perform all work in a safe manner ensuring your health and safety and that of all other employees.
- Ensure compliance with all legal, statutory and corporate requirements on a timely basis.
- Maintain good working relationship with peers.
- Identify ways of improving systems and processes within your areas of responsibility.
- Perform related duties and special projects as assigned by management to assist in ensuring the success of MEPAU.

Employee Name:		Date:	
Signature:			

Manager Name:		Date:	
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Signature:	
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