



Position: Drilling Engineer
Reports to: Senior Drilling Engineer
Direct Reports: None
Location: Brisbane (occasional field visits)
Status: Staff / Contact / Fixed Term

The accountabilities and responsibilities of this position include, but are not limited to the following:

- Responsible to deliver the drilling engineering design of appraisal, production or injection well in accordance with the Basis of Design, including:
 - Assist preparation of a Basis of Design for each well and the scheduling of engineering effort.
 - Prepare offset well review and well specific hazard register
 - Conduct casing design and material selection
 - Drilling fluid selection
 - Cementation design and specification
 - Well trajectory design and survey planning
 - Drill string and BHA design
 - Bit selection
 - Prepare equipment lists for drilling & completion operations
 - Prepare of Drilling Programmes & Section Guidelines
 - Well costs & activity plans
 - Coordinate well design reviews (DWOPs)
 - Use of the change control and risk assessment process when implementing changes against the agreed plan.
 - Provide well engineering input into the screening and evaluation phase of new opportunities.
 - Assuring compliance with regulatory requirements for well construction activities, including preparation of documentation for government approval.
 - QA/QC of Service Suppliers procedures and work instructions.
 - Coordinating interfaces between service providers for drilling equipment and services.
 - Participate in Hazops, Simops reviews and risk assessments as necessary.
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- Provide input into the GDY well hazard register
- Coordinate feedback & updating of GDY drilling management systems including the Drilling Operations Manual.
- Assist with effective completion of assigned actions.
- Provide engineering support for drilling operations.
- Provide technical input to various R&D projects from time to time.

Qualifications, skills and experience requirements of this position include the following:

- 2-8 years Drilling Engineering experience holding either an engineering or science degree. Experience with casing, cementing, BHA & directional design, drilling fluid specification, bit selection and some field supervision experience.
 - IWCF (or equivalent) Surface Stack Supervisor level as a minimum.
 - Good computer skills in including Wellcat, Outlook, MS Excel and MS Word.
 - Working knowledge of Safety Management Systems and Petroleum Legislation.
 - Good personal awareness and communications ability including written and presentation skills.
 - Sound analytical skills.
 - Able to work as part of a small operations and planning team.
 - Demonstrated commitment to HSE and performance.
 - Organised and ability to balance work / life demands.
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