

POSITION TITLE	Drilling Engineer
DURATION	2 years +

Responsibilities
<ul style="list-style-type: none">• Establishes detailed fluids / cement programs for drilling, completion, workover and abandonment operations.• Supervises works of Drilling Fluid / Cementing company in Bangkok and at rig site.• Analyses data obtained from rig site and prepared constructive actions in order to detect the limiting factors to the drilling performance. Contributes to improve the performance while maintaining proper standards for HSE.• Prepares and updates the standard instructions concerning drilling fluids and cement to ensure safe and efficient operations.• Supervises and follows-up drilling fluids / cementing contracts. Ensure that the contractor fully adheres to the work procedures and technical specifications required by Company.• Performs studies on drilling fluids / cementing and related equipment in order to improve HSE and decrease cost, time of operations.• Prepares the scope of work for drilling fluids when call for tender are being written. Perform technical and cost evaluation of drilling fluids / cementing bids. Recommends the selection of contractor.• Prepares and elaborates the drilling fluids / cementing report at the end of well for drilling operations.• Prepares specific drilling engineering studies when necessary under the supervision of Head of drilling engineering.• Liaises with third party drilling fluids / cementing laboratories in requesting for their services when necessary for specific studies.• Supervises specific job at rig site if necessary during critical operations.• Establishes the report on specific jobs supervised in person at rig site.• Liaises with other drilling engineers and keeps abreast of engineering aspects such as directional drilling in particular.

Job End Results

- To ensure the adequacy and reliability of the drilling fluids / cementing program so that the drilling operations are undergo safely and efficiently.
- To ensure the permanent availability of the drilling fluids / cementing services, supplies and personnel for the development and exploration / delineation campaign, by proper actions towards contractors.
- To ensure safe and efficient operations of the bulk plant.
- To contribute to the realization of the standard instruction and ensure that it is in accordance with company policy.
- To contribute to the optimization and the cost reduction of drilling, completion, workover and abandonment activities while maintaining a high standard of HSE.
- To contribute to the full implementation of Company safety rules and standard by ensuring that they are will respected by various contractors working under his responsible areas.
- To promote a good communication between the different concerned parties in order to maintain harmonious operations.
- To ensure the implementation of adequate technical solutions, regarding drilling fluids, to the drilling of complicated wells with high temperatures,

Key Challenges

- To handle, efficiently and accurately, high volume and demand of the above work loads.
- The client is operating gas field offshore area with rig drilling exploration, appraisal and development wells on a sustained and continuous basis. The project presents a specific technical difficulty due to high temperature, high pressure, hole cleaning in complicated well profiles and drilling through complicate reservoirs.
- The jobholder plays a major role in overcoming the above mentioned specific on the technical side and to contribute the realisation of the objective of well quality (HSE and reducing formation damage), drilling efficiency and cost effectiveness.
- He ensures that all safety rules and regulations (both of Company and Authorities) are strictly abided in the areas under his responsibility including the bulk plant.
- He administrers the MSDS database for all chemicals used for drilling fluids and cement.

Qualification, Skills & Knowledge Required for this Position

- Bachelor's Degree in Engineering or equivalent.
- Trained in Well Control / Offshore Survival and fire Fighting.
- 10 years of experience in various types of Drilling Fluid System in various areas in a supervisory capacity.

Dimensions

- Contracts supervised : XXXM USD (Drilling Fluids – Services and Product)
- Contracts supervised : XXXM USD (Cementing – Services and Product)
- Financial Impact : loss of rig time (= 280,000 USD per day)