

You are cordially invited to a seminar organized by Centre for Offshore Research and Engineering (CORE) and Department of Civil and Environmental Engineering

“Challenges for Safe Installation of Mobile Offshore Drilling Unit in Potential Shallow Gas Area”

By

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Date: Thursday, 31 October 2019
Time: 4:30 pm to 6:00 pm
Venue: EA #06-03
Faculty of Engineering,
National University of Singapore

Abstract

Evaluation of Geo-Hazard through all phases of the well delivery processes in both exploration, appraisal and development are required. The phases are from Pre-data acquisition, shallow seismic/site survey review, well planning, well construction and well execution phases. It is important to recognize and analyze the risks when planning the well design, wellbore, and equipment integrity and prepare the drilling operational procedures, as such to manage low risk as reasonable and practicable and meeting the well objectives and yet comply with company policy and regulatory requirements.

Presentation covers area of Shallow Gas in the region, evaluation of Geo-Hazard, in particular potential of shallow gas, addressing Hazard, Data Processing, Geotechnical Assessment, Jetting Conductor (pilot hole), setting depth planning. Also discuss on the Survey Method and survey equipment and procedures. Finally, addressing the Risk Assessment for rig installation due to the proximity of shallow gas area in open area and re-visit to platform.

About the speaker



He is currently heading the Geotechnical and Rig Move Department in Braemar Singapore. He graduated in Applied Science (Civil Engineer) in Canada in 1981. He has over 30 years of Geotechnical experience and worked for numerous Offshore Geotechnical and Geophysical Companies, as an Engineer, Consultant, Quality Control/Quality Assurance, Geo-Specialist in the region. Also served as Geo-consultant onboard the Jack-up Rig during installation to exploration and Platform locations. Since 2007 in Braemar, he reviews the geotechnical/geophysical information, provides and issues Location Approval for numerous Mobile Offshore Drilling Unit prior to the unit installation at site in accordance to the underwriter requirement. A speaker and also Published several technical papers related to Jack-up rig installation in several conferences.

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Location



*****Pre-registration is not required. All are welcome and admission is free*****