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**Managing challenges field through upstream value optimization**

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**G**as Price is no longer the core of the game, but the value is. Kepodang Field has achieved the 1st Oil on August 2015, the Field Development Plan (FDP) consists of one Central Processing Platform (CPP) with Temporary Shelter, 1 WHP, 1 Anchor Work Handling Barge (AWB), and 200km Pipeline to Tambak Lorok Power Station. The early production of the gas was at 120mmscfd. Commercially, Kepodang will hit the economic limit by 2021 due to rapid declining of productions. Value Based Operation (VBO) has been adopted to prolong the field life to several years and resulted with significant cost reduction while still maintaining the assets at ALARP (As Low as reasonable and practicable level) safe level. The Commercial Value of Kepodang Field is redefined to prolong the economic life. The team has adopted a structured method from VBO Guidelines i.e., Reimagine New Operating Scenarios, Structured Risk Analysis, Revision of Maintenance Strategy and the most important aspect; Economic Analysis which resulted the New Operation Philosophy for the field i.e., Lean Operation Philosophy. Significant cost saving reduction from the removal of Anchor Work Handling Barge (AWB), Lean Maintenance Strategy and Manning Optimization with the extension of Economic Life to two years from 2021 to 2023).

**Biography**

Nur Iman Nur Iskandar is a Manager for ORSA Front End for Petronas Carigali Sdn. Bhd, Malaysia. He has more than 10 years experience in oil and gas industry and worked in various positions previously including Operation Supervisor for Abu Field at Terengganu, Malaysia. His involvement in the company including Big Scale Projects i.e Angsi CEOR and Bekok-C Restoration, Commercial Field Evaluations for acquisition i.e Iraq and Angola Operation and Technical Operation Assessment for Asset Life Extension i.e Kepodang Field, Indonesia Operation. He has won "The Success Story Award" from Vice President, PETRONAS for his achievement in the project.

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