

THE LEADING OIL AND GAS PUBLICATION IN THE MIDDLE EAST SINCE 1996

ISSUE 245 / NOVEMBER 2017

# Pipeline

OIL AND GAS MAGAZINE / WWW.PIPELINEME.COM

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## TOTAL LOOKING TO THE FUTURE

**Exclusive:** Patrick Pouyanné  
Total's Chairman and CEO  
talks about how the French  
oil major is looking at new  
energies and is betting on gas  
as the fossil fuel of the future

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# KOC TO SHARE ACHIEVEMENTS, STRATEGY AT ADIPEC

Jamal Jaafar, CEO of Kuwait Oil Company speaks to *Pipeline Magazine* about the company's plans to ramp up production, reduce cost and its presence at ADIPEC.

## What is your headline strategy for the coming years in terms of production and capacity?

KOC recently achieved 3.15 million barrels per day of production capacity, and we are committed to continue building its production capacity to reach 3.65 million bpd by 2020 through a solid capital expenditure plan. We are currently evaluating market perspectives and our capabilities to continue implementing our production growth strategy. Actual production will certainly depend on market conditions and commitments within OPEC.

## What steps are you taking to boost revenues?

We are making a strong emphasis on project cost optimisation and production efficiency, in order to maximise the revenues for the State of Kuwait.

On project cost optimisation we have processes in place such as Project Gate System, which ensures that feasibility of the projects are conceptualised and developed with high quality standards, and also ensures that an intense interaction takes place between KOC and the engineering and construction companies to deliver those projects on time and within costs.

Resource optimisation is also done through well delivery and integrated asset plans processes, which are designed to ensure that rigs mobilisation and use are optimised, and



no idle time occurs for any rig.

On production efficiency, we are implementing advanced technologies on reservoir characterisation, drilling and smart fields in order to ensure optimal allocation of wells and maximum productivity in each producing reservoir. Such implementation of advanced technologies are providing

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Hall: UK Pavilion Hall 8 Stand: 8623

# MITIGATING RISK IN OIL AND GAS OPERATION

By: Suba Sivandran, director of data analysis, modelling and consulting at BMT

**Risk is inherent in engineering design and operations. Understanding the level of risk at various stages of a development is paramount to maintaining costs at acceptable levels while ensuring safety standards are upheld.**

BMT, an international company with a reputation for engineering excellence, has delivered solutions to help clients minimise capital expenditure and optimise designs all over the world. As a specialist in the fields of computational fluid dynamics (CFD), process risk and safety, supply chain modelling, structural monitoring and meteocean forecasting and consulting, we combine quality data generated from accurate modelling techniques and measurements

with industry expertise and regional knowledge, to provide an assessment of risk to support oil and gas developments.

With over 10 years' experience in the Middle East, BMT's focus at ADIPEC will be on how risk can be mitigated in the region through mapping, modelling and measurement, leading to reduced costs and reduced risk to personnel, environment and asset.

Services we'll be showcasing include consequence modelling services which help quantify risk arising from gas dispersion, fire and explosions. These are essential to improve the asset design, incorporate mitigation measures, or devise hazard and management strategies.

Helideck studies – BMT is a recognised authority on offshore helideck aerodynamics and flight safety. Our world-class wind tunnel facilities and state-of-the-art CFD modelling provide designers and operators with clear and insightful assessments of proposed helideck designs, and our CAP 437 compliant integrated marine monitoring systems ensure helipad downtime is minimised.

Single Point Mooring (SPM) monitoring systems provide tankers and FPSOs with real time operational and environmental data to manage the integrity of loading systems, achieving safer transfer and buoy approaches.

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