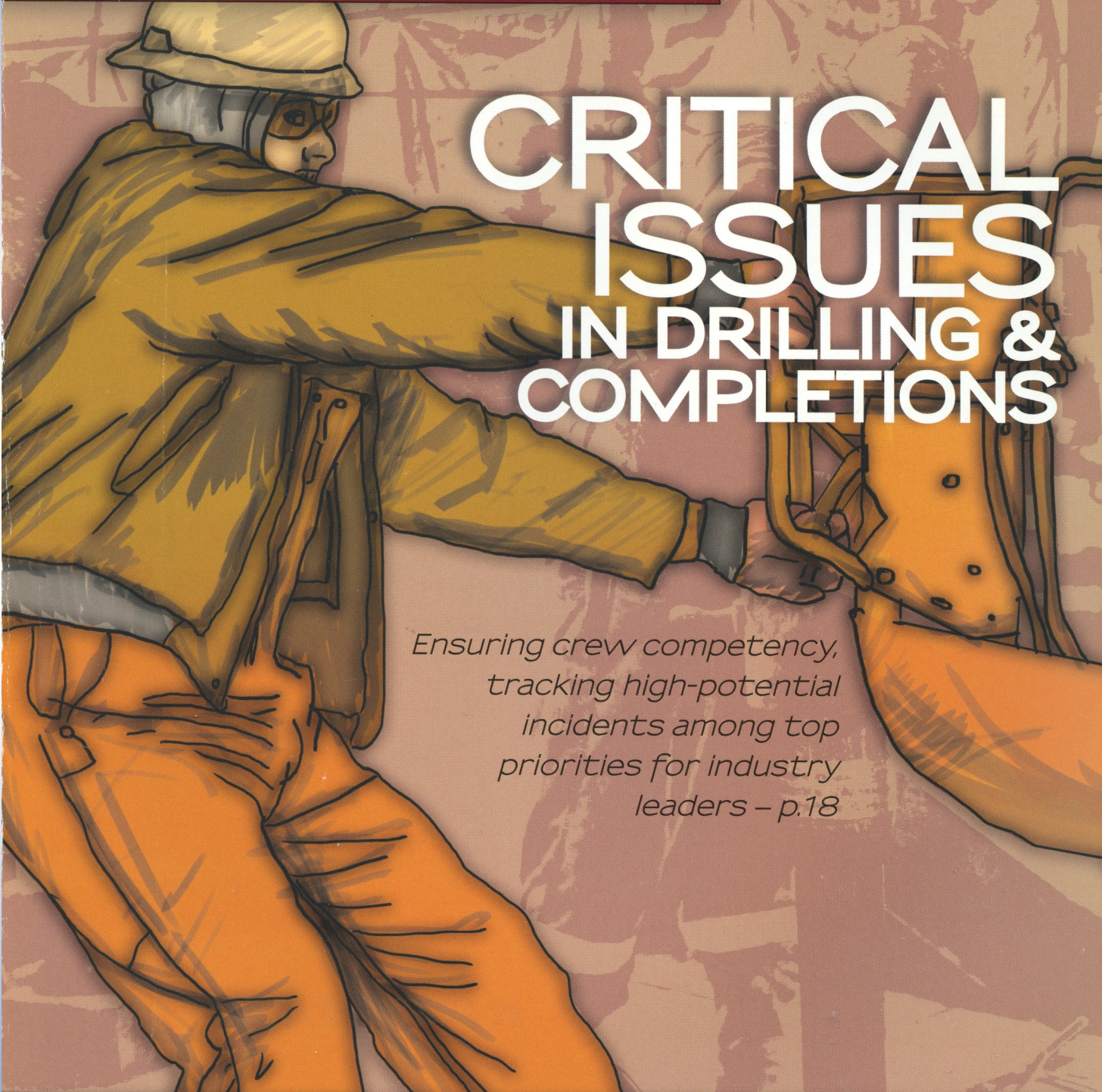


OFFICIAL MAGAZINE OF THE INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

DRILLING CONTRACTOR

JANUARY/FEBRUARY 2014

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CRITICAL ISSUES IN DRILLING & COMPLETIONS

*Ensuring crew competency,
tracking high-potential
incidents among top
priorities for industry
leaders – p.18*

ALL DRILLING • ALL COMPLETIONS • ALL THE TIME

THE LATIN AMERICAN PUZZLE

From Brazil pre-salt to Venezuela heavy oil to Argentina shales, diverse region demands industry innovation, flexibility – p.88

2014 IADC CHAIRMAN

Nomac's Jay Minmier to direct industry resources, focus to ensure a skilled and credentialed workforce – p.136

Petrobras charts FPSO for Santos' Carioca area

Petrobras and partners BG E&P Brasil and Repsol Sinopec Brasil have signed a letter of intent to charter, through **Modec Inc** and **Schahin Petroleo e Gas S.A.**, a floating production, storage and offloading (FPSO) unit for the production development of the pre-salt layer in the Carioca area, part of the Santos Basin's block BM-S-9.

The project will provide for the connection of eight wells to the FPSO, four as producing wells and four as injection. The platform will have a daily processing capacity of up to 100,000 bbls of oil and 5 million cu meters of natural gas.

In addition, Petrobras has drilled well 3-RJS-715D in the Santos Basin pre-salt lara area off the Rio de Janeiro coast to a total depth of 21,889 ft (6,672 meters). After drilling 2,952 ft (900 meters) of carbonate rock below the salt layer at a water depth of 6,981 ft (2,128 meters), a 1,017-ft (310-meter) hydrocarbon column was identified. It is the company's fifth well in the Santos Basin.

Seadrill to acquire high-spec jackup from Prospector

Seadrill has entered into an agreement to acquire the high-specification Prospector 3 jackup from **Prospector Offshore**. The rig is based on the F&G JU2000E design with water depth capacity of 400 ft and a maximum drilling depth of 35,000 ft. It is scheduled to be delivered from **Dalian Shipbuilding Industry Offshore Co** in China during Q1 2014.

Keppel FELS constructing CAN DO deepwater drillship

Keppel FELS has begun building the CAN DO deepwater exploration, development and completion drillship.

The drillship is designed to overcome the constraints of limited deck space common in modern drillships and allow for the installation of third-party equipment. In addition, the drillship has a double blowout preventer stack integrated into the design and has a riser hold capacity for 12,000-ft water depths with the flexibility to store up to 90-ft risers.

The CAN DO has been model-tested at the MARIN facility in The Netherlands and has obtained class approval for the basic design.

Jointly developed by the Keppel

Offshore & Marine Technology Centre and its design partner **GustoMSC**, the CAN DO drillship is expected to be completed in 2016.

Harsh-environment ENSCO 120 Series jackup delivered

EnSCO has taken delivery of ENSCO 121, the second of four ultra-premium, harsh-environment jackups in the ENSCO 120 Series. The rig is scheduled to go to work in the North Sea in Q2 2014 at a dayrate of approximately US \$230,000.

ENSCO 121 was constructed at the **Keppel FELS** yard in Singapore and is expected to soon mobilize to Rotterdam, The Netherlands, for final load-out and crew familiarization.

Latshaw newbuilds begin operations in Permian Basin



Two new rigs from **Latshaw Drilling** began operations in December in the Permian Basin. The first is Rig #42 (pictured), a **National Oilwell Varco (NOV)** Ideal 1,500-hp AC rig with a Varco TDS-11, 500-ton AC top drive unit. It features two NOV 12-P-160 mud pumps with 7,500-psi fluid ends and a BOP handling system. The rig is outfitted with the first walking system that NOV has installed on an Ideal rig.

The other Latshaw rig, Rig #19, is an NOV 110-UE SCR rig. It also has two 12-P-160 mud pumps and a walking system. Both rigs are capable of walking up to 150 ft on a multi-well pad location.

Malaysia's Perisai orders 400-ft jackup from PPL

PPL Shipyard, a subsidiary of **Sembcorp Marine**, has secured a repeat order to build a third Pacific Class 400 jackup worth US \$211.5 million from **Perisai Inc**, a subsidiary of **Perisai Petroleum Teknologi Bhd**.

Scheduled for delivery in Q3 2016, the high-specification rig incorpo-

rates the latest drilling equipment for improved drilling efficiency, offline handling features and simultaneous operations support.

Additionally, the class 400 jackup is capable of operating in waters up to 400 ft and drilling HPHT wells to depths of 30,000 ft.

GDF SUEZ begins gas production from Juliet field

Gas production has started from the Juliet field, a subsea development on the western flank of the southern gas basin, 24 miles (39 km) east of the Lincolnshire coast in the United Kingdom. Juliet was discovered by **GDF SUEZ E&P UK** in 2008.