

**EMERGING TECHNOLOGY**

- **Baker Hughes** and **Shell** developed a real-time compaction imaging (RTCI) system that can lead to savings in well completions by using fiber optics to monitor sand screen deformations and casing shape in real time. Baker Hughes and Shell jointly conducted a successful test of the world's first sand control completion integrated with the fiber-optic RTCI system. Baker Hughes will commercialize the RTCI technology on behalf of both companies.

**MERGERS AND ACQUISITIONS**

- **Kema** will acquire **Gasunie Engineering & Technology**. Kema will integrate the division of Gasunie into its existing gas activities, which will result in a new business unit focused on gas consultancy, engineering services, and R&D for the energy sector.

**CORPORATE MOVES**

- **Fugro-Jason** opened an office in Veracruz, Mexico, to support existing and future projects throughout the country. Fugro-Jason has been operating in Mexico for more than 10 years and is expanding to meet demand in the region.
- **Shoabi Group** and **FMC Petroleum Equipment (Malaysia)**, a wholly owned subsidiary of **FMC Technologies**, announced the formation of FMC Technologies Saudi Arabia, a joint venture based in Al Khobar, Saudi Arabia, offering oil operators equipment and services for oil and gas exploration, development, and production.
- **CSL** opened offices in Norway and Egypt. Both offices will offer CSL's full range of subsea engineering, operations, and project support services as well as the provision of skilled onshore/offshore personnel and CSL's new range of subsea training courses.
- **Stabil Drill**, a **Superior Energy Services** company specializing in bottomhole assembly rental tools, opened a facility in Oklahoma

City, Oklahoma. The facility has an inventory of downhole tools, including stabilizers, hole openers, roller reamers, nonmagnetic collars and stabilizers, torque-subs, and pneumatic mud buckets.

- **Tracerco** opened a service center in Shanghai. The office will make Tracerco's full range of diagnostic and measurement technologies available to operators across China.

**CONTRACTS AND TENDERS**

- **Schilling Robotics** was awarded a contract for a seafloor-based deep sea drill system from **Gregg Drilling and Testing**. Schilling Robotics will engineer and manufacture the coring and drilling system containing custom power, hydraulics, and top-side control systems to be interfaced with a third-party drill structure. The contract is valued at approximately USD 2 million.

- **Procesos y Diseños Energéticos**, part of international energy services company **John Wood Group**, received a 2-year, multimillion-dollar contract from **Ecopetrol** to provide engineering services for its upstream onshore production facilities in Colombia.

- **Knowledge Reservoir** announced an agreement with **OMV E&P** under which Knowledge Reservoir will provide OMV with consultancy services for fully integrated studies in the areas of petrophysics, geology and geophysics, and reservoir engineering, for all of OMV's international assets.

- **Weatherford** was awarded a contract for a subsea production-control system for the Telemark discovery in deepwater Gulf of Mexico by **Bluewater Industries**, on behalf of **ATP Oil & Gas**. The project will be managed by Weatherford and has been designated as a fast-track project. Weatherford was also awarded an innovative technology agreement with **Eni** to develop a subsea drilling-with-casing system.

- **Aker Solutions** was awarded a contract by **Dong E&P Norge**, operator of the Oselvar field, to deliver a

complete subsea production system to the North Sea field development. Scope of work includes engineering, procurement, and construction of a four-slot template with manifold, three subsea trees, control systems, subsea wellheads, and 28 km of steel tube umbilicals. The Oselvar field is located in the southwest area of the North Sea, at approximately 70 m water depth.

- **ConocoPhillips, JSC National Company KazMunayGas (KMG), and Mubadala Development Company PJSC (Mubadala)** signed project agreements allowing the joint exploration and development of the Nursultan Block (N Block) located offshore Kazakhstan. KMG, as majority owner, will hold a 51% interest in the subsoil use contract and the remaining 49% will be shared equally between ConocoPhillips and Mubadala. The N Block is located 30 km south-southwest offshore Aktau, Kazakhstan, in the Caspian Sea.

- **GE Oil & Gas**, through affiliate **Nuovo Pignone**, signed an agreement with **Petronas** for the supply of a range of gas turbines and compressors for Petronas' projects in Malaysia and other parts of the world. GE Oil & Gas was also awarded a contract of more than USD 11 million to supply four VetcoGray subsea wellhead systems and running tool rentals to **OGX Petroleo e Gas**.

- **MCS** secured a contract from **J P Kenny** to carry out comprehensive umbilical and riser design-verification analysis for **BP's** deepwater development off the coast of Angola.
- **flexlife** secured a subsea engineering-support contract with **Apache North Sea**. flexlife will be responsible for all the subsea engineering and operational pipeline support on Apache's North Sea assets.

- **PetroVietnam** and **PetroVietnam E&P (PVEP)** signed a production-sharing contract for Block 05.1(A) of the Dai Hung oil field, 265 km offshore southern Ba Ria-Vung Tau province, Vietnam. **JPT**

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