

EMERGING TECHNOLOGY

- The **United States Department of Energy** awarded the Midwest Geological Sequestration Consortium a contract to begin a large-scale carbon capture and storage project in Decatur, Illinois. This project is the first of its kind in the US. The project is designed to confirm the ability of the Mt. Simon sandstone, a major saline reservoir, to store 1 million tonnes of CO₂ over 3 years. **Schlumberger Carbon Services** will manage the design, construction, and operation of the storage portion. The **Illinois State Geological Survey** and **Archer Daniels Midland** are also major partners.
- Several Houston energy companies joined a research consortium led by **Rice University** and **The University of Texas at Austin**. Companies include **BP**, **Baker Hughes**, **ConocoPhillips**, **Halliburton**, **Marathon Oil**, **Schlumberger**, and **Occidental Oil and Gas**. The Advanced Energy Consortium is a multimillion-dollar research project dedicated to the development of micro- and nanotechnology applications to increase oil and gas production.

MERGERS AND ACQUISITIONS

- **Schlumberger** purchased **Raytheon's** technology for extracting heavy oil. Financial terms of the deal were not disclosed. The technology uses radio frequency and critical fluids, a process developed through a partnership with **CF Technologies**. Raytheon's agreement with Schlumberger extends the radio-frequency technology, which has been applied to radar and communications systems, to the energy industry.
- A subsidiary of **John Wood Group** acquired Houston-based **Producers Assistance Corporation** (PAC), a provider of technical operations and maintenance support services to the US onshore oil and gas industry. PAC has more than 300 employees in service facilities in numerous US

states, including Texas, Louisiana, and New Mexico.

CORPORATE MOVES

- **Baker Hughes** opened a major facility in Dubai. The center will be a resource for the company's growing business in the Middle East and the eastern hemisphere. The complex includes the Middle East Asia Pacific region headquarters, the Eastern Hemisphere Education Center, an operations building, and a manufacturing plant.
- **CGGVeritas** opened its Asia Pacific headquarters and data-processing and imaging center in Singapore.

CONTRACTS AND TENDERS

- **Pride International** was awarded a multiyear contract from a subsidiary of **Petrobras** for the construction and operation of an advanced-capability, ultradeepwater drillship in support of Petrobras' international exploration and development drilling projects. The ultradeepwater drillship is expected to be delivered from the shipyard in the first quarter of 2011.
- **Pemex** awarded **Halliburton** a 3-year, USD 683-million contract for drilling management and completion of 58 land wells in southern Mexico. The contract includes on-site staff, wellbore-cementing tools, stimulation equipment, wireline technology, drilling fluids and bits, directional drilling services, and completion tools. The wells range in depth from 3500 to 6500 m and include high-pressure/high-temperature formations and depressurized formations.
- **Technip** was awarded two contracts by **Petrobras America**, a subsidiary of **Petrobras**, worth more than USD 300 million, for the development of the Cascade and Chinook gas fields, located in the Walker Ridge area of the Gulf of Mexico (GOM), in 8,200 and 8,800 ft of water, respectively. Technip also was awarded a contract by **Shell** for the ultradeepwater Per-

dido oilfield development, located 200 miles south of Freeport, Texas, in the GOM. Technip was awarded a contract by **Total** for the development of the Pazflor oil field, located offshore Angola in Block 17, at water depths reaching 1200 m.

- **Atwood Oceanics'** wholly owned subsidiary, **Atwood Oceanics Pacific**, was awarded a contract by **Chevron Australia** to provide a new mobile offshore semisubmersible drilling unit for a 3-year period. The contract provides for an operating day rate of approximately USD 470,000 if the firm commitment is 3 years.
- **China Oilfield Service Limited** (COSL) signed its first overseas directional-geothermal-well service contract with the **Philippine National Oil Corporation**. Under the 2-year contract, COSL will provide engineering and technological services to 34 directional geothermal wells.
- **Fluor Corporation** was awarded a 5-year, USD 334-million consultancy-services contract to provide overall program management on several projects for **Kuwait Oil Company**. Fluor will provide project and construction management and other services for new facilities and upgrading of existing facilities.
- **FMC Technologies** received a contract to supply deepwater subsea processing and production systems to **Total E&P Angola**. The systems will be used in Total's Pazflor project, located in Block 17 deepwater offshore Angola. The award has a value of approximately USD 980 million. FMC will deploy the first-ever subsea separation systems in deepwater West Africa.
- **BJ Tubular Services** was awarded a contract to provide well-construction services in Indonesia by **PetroChina**. The contract provides for casing- and tubing-running services to be carried out by BJ Tubular Services for PetroChina's onshore operations in Jambi, Indonesia. **JPT**



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