

Drilling Study Group Symposium

Don't Get Left Behind— Identifying the Needs, Challenges
and Strategic Plans for Future Oil and Gas Drilling

9:30 a.m. to 3 p.m.
Wednesday, April 12

Petroleum Club of Houston
800 Bell Street



Register online at www.spegcs.org

\$100 for SPE members preregistered
\$125 for nonmembers

Deadline: Noon, Monday, April 10

Needs and Challenges for Future Oil and Gas Drilling—A Geoscientist's Perspective

Kate Hadley Baker, Distinguished Advisor
BP plc

Many new big drilling projects are in very deepwater or arctic environments—5th generation rig territory. Partnership between geoscience and engineering, and among E&P companies and drilling and well services contractors is even more important to successful well planning and execution. Together we can train people quicker and better, shorten the industry's technology adoption life cycle, and increase oil and gas production and the associated drilling and producing activity.

Identifying the Needs, Challenges, and Strategic Plans for Future Oil & Gas Drilling

Dave Mannon, Sr. VP and Chief Operating Officer
Parker Drilling Co.

Industry capacity bottlenecks present new challenges in the contract drilling industry, which require long-term planning and collaboration between contractors and operators. Revolutionary training to match rig technology and recruiting a new generation of rig workers for life will help solve the personnel crunch. Technological leadership will improve our ability to develop reserves in smaller reservoirs and ultradeep locations.

Rig Share Agreements

Richard K. Mitchell, VP, Worldwide Drilling and E&P
Devon Energy Corp.

Given today's shortages of rigs, personnel, and equipment, operators must consider moving away from traditional contracting and operating modes. This presentation will outline options for expanding traditional rig share agreements, noting both the potential benefits and risks. Pressures to control costs and complete work programs in a high utilization market can create huge challenges for industry personnel. Uncertainties around the volume of work and timing further compound these issues.

Chevron's Future in Deepwater GOM

Kevin Carey, General Manager, Global Deepwater Wells
Chevron Corp.

To be successful in the deepwater Gulf of Mexico, Chevron plans significant commitments to personnel, rig contractors, and technology development. This presentation will discuss some of the company's past and future challenges in deepwater drilling and with an overview of the plans to maintain success in deep water.

Developments in Drilling Technology

Tim Probert, Sr. VP of Drilling and Formation Evaluation
Halliburton Energy Services Group

This presentation will cover some of the recent developments in drilling technology, with a focus on rotary steering and reservoir navigation. Using these technologies effectively presents challenges to both operators and service companies.

Technology Advances in Drilling and Completions

Phillip D. Pattillo, Distinguished Advisor
BP America E&P Technology

This presentation highlights several recent advances in drilling and completions technology, indicating both the scope of the problem and the innovation developed. One such example, insulated tubing, is a revolutionary technology that has improved wellbore temperature management. This and other topics will indicate how our industry is maintaining its steady, healthy technology journey.

Advances in HPHT Drilling Technologies

Christopher T. Seaver, President and CEO
Hydri Co.

New technologies are increasing the range of high-pressure, high-temperature (HPHT) drilling applications. Advances in premium connections and pressure control safety equipment are allowing these deeper wells, far offshore, to be drilled more safely and economically.