“Redefining the Future”

THURSDAY, AUGUST 24
FRIDAY, AUGUST 25

The Hilton Riverside Hotel
New Orleans, LA

PRESENTED BY:
SPE • NOGS • AADE

“Emerging Technology” — Lead Chair: Angie Gobert

The technical limits of the oil industry continue to evolve as we redefine what is possible. As our industry forges ahead into areas with ever-increasing levels of difficulty and as the cost of deepwater projects continues to increase, industry leaders develop creative approaches to meet today’s technological and financial hurdles. Hostile geologic environments, deep wells, ultra-deep water, loop currents, and tropical storms combine to provide some of the most challenging conditions faced anywhere in the world. Presentations in this session illustrate new methods developed to meet these conditions and the accompanying challenges of regulatory approval.

- Regulating Emerging Technologies in Deepwater Gulf of Mexico
- Managed Pressure Drilling in Deepwater – A Method for Success
- NPT Reduction for DW Operations through an Integrated Systems Approach
- Emerging Technologies in Gulf of Mexico Deepwater Riser Design

“Geoscience” — Lead Chair: Bob Meltz

The geosciences continue to play a critical role in the expansion of deepwater activity, whether it is the exploitation of mature assets in amplitude-associated minibasin fields or the recent successes in the Lower Tertiary and Miocene fold belt plays. This session will highlight geoscience projects ranging from the conception of new play ideas in the rank exploration business all the way through the use of sophisticated modeling techniques to high-grade infield development drilling opportunities.

- Practical Limitations of the Interpretation of Deepwater Gulf of Mexico Subsalt Seismic Data
- Salt Tectonic Framework and Evolution of Southeast Green Canyon
- Great White Reservoir Characterization: Implications for Risk and Opportunity Management
- Evaluation with Explicit Large Scale Shared Earth Models for Ursa Field
Evolutionary and revolutionary changes in drilling technology are vital in meeting the challenges of the deepwater Gulf of Mexico. In keeping with the Symposium’s theme, Redefining the Future, this session showcases recent drilling technology developments and presents a view of what’s yet to come.

- Feasibility Study of Alternative Approaches to Dual Gradient Drilling
- Pushing Drilling Technology to a World Record Depth
- Development of Alternative Reference Drilling Fluids for Use in Deepwater Gulf of Mexico
- Use of Pressure-activated Sealant for Repair of Deepwater Drilling Riser Leaks – A Case Study
- Formation Leakoff Test Data Capture and Analysis Aid in Assurance of Accurate Minimum Stress Identification
- Where is the Deepwater Rig Market Headed?

Accurate reservoir characterization, uncertainty assessment, and development optimization are keys to economic success in the deepwater Gulf of Mexico. Understanding and management of both reservoir and economic risk are fundamental contributors to overall project success. This session will demonstrate the value achieved with quality data, thorough analysis, and optimized development.

- Shell’s Experience with Reservoir Performance in the Deepwater Gulf of Mexico
- Using Statistics to Quantify Uncertainty in the Shape of Poorly-Imaged Subsalt Structures
- The Blind Faith Development – A Deepwater Challenge
- Kepler Field Study
- An Overview of a Planned Disconnectable, Ship-Shape Floating Production Unit for Gulf of Mexico Service
- Water-flooding IOR in Ultra-Deepwater Middle Miocene to Paleocene age Reservoirs, Gulf of Mexico

As our industry continues to develop difficult, deep and ultra deepwater fields, the challenges for well completions and interventions continue to grow. Presentations in this session will cover techniques and hardware that were developed to meet these challenges.

- Innovative Method for Predicting Down-Hole Pressure during Frac Pack Pumping Operations Allows for More Successful Completions
- Project-Specific High-Pressure Completion Tubular for Chevron’s Tahiti Project
- Coulomb-Nakika: Deepest Water Subsea Completion
PRODUCTION SYSTEMS & FLOW ASSURANCE – LEAD: Allen Wiley

Operating systems in Deepwater are aligned to handle produced fluids that meet all government regulations within the Minerals Management Service, United States Coast Guard and State/ Federal Officials. With given operating parameters system design and the dynamics of the produced fluids being handled can greatly impact the success or failure of a production system. This session will be comprised of presentations directly related to these producing systems.

- De-watering Gas Well Flow Lines Sub – Sea
- Surface Separation Equipment Design Deep-Water Facilities
- Controlling Reservoir Souring During H2O Flooding
- Designing a Deep-Water H2O Flood

BREAK 10:00 AM - 10:15 AM

CONCURRENT SESSIONS 10:15 AM - 11:30 AM

PRODUCTION SYSTEMS & FLOW ASSURANCE – CONTINUED

- De-Bottle Necking A Deep-Water Production Facility
- Effects of Sub-Sea Wellhead Chokes on Hydrate Regions

HSE & REGULATORY – LEAD: Sandi Fury

Efforts by the Industry to improve our understanding of the impacts of exploration and development activity on the marine resources occur during all stages of activity offshore. To assist this effort, many of the tools developed by Industry to enable the daily business activity have also proven to be very effective in gathering valuable environmental information in parallel with the work. The sharing of this data with marine scientists and academic institutions has resulted in an increased understanding of our oceans and their natural inhabitants. While debate over the exploration and development on the OCS continues, there is little argument over the value of the offshore infrastructure at the end of its useful life. The discussion hosted will explore marine environmental issues and specific studies key to our continued development of the OCS.

- Balancing Opportunities and Program Needs to Insure that the Rigs to Reef Component of the Louisiana Artificial Reef Program is Sustainable into the Future
- SERPENT Project: Using Industry Resources to Explore the Deep Ocean
- Marine Sound: A Retrospective Look and Future Consequences for Offshore Energy Production

LUNCH & KEY NOTE ADDRESS 11:30 AM - 1:30 PM

The State of Louisiana’s Support for Offshore Oil and Gas Development and Efforts to Redefine the Future of Energy Decisions in US Federal Waters

 SPEAKER: The Honorable Bobby Jindal, U.S. House of Representatives

EXHIBITS CLOSE 1:30 PM

MANAGEMENT PANEL 1:30 PM - 3:00 PM

WHAT ATTRACTED RECENT ENTRANTS INTO THE GOM DEEPWATER? – FACULTATOR: Tom Hudson

Recently, a number of international exploration and production companies have entered the deepwater Gulf of Mexico, almost 20 years after the first deepwater leases were awarded. The obvious fields were discovered long ago, current trends are heavily leased, and new plays are progressively more difficult to find, drill, and produce. A number of major companies and larger independents have dominated deepwater activity for years but new players continue to enter the arena. The discussion will explore the factors that continue to lure newcomers to deepwater and their vision for the deepwater Gulf of Mexico.

- Mr. Cesar Cainelli, Exploration Vice-President, Petrobras
- Mr. David McCubbin, President, Woodside USA
- Mr. Scott Griffiths, Senior Vice-President and Chief Operating Officer, Hydro Gulf of Mexico

PASSPORT AWARDS 3:00 PM

HURRICANE BUS TOUR – DEPARTURE 4:00 PM

Support our city, stay an extra night, take a hurricane tour, and enjoy dinner in the Crescent City.

Register at: spe-delta.org
REGISTRATION INFORMATION

Attendance at the Deepwater Symposium will be limited. Please register early. You may register Online at the SPE Website - spe-delta.org, Email, Regular Mail, or Fax. (see Registration Form for registering information)

REGISTRAR
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HOTEL INFORMATION
Hilton Riverside Hotel
2 Poydras Street
New Orleans, LA 70140
504/561-0500 – 1/800/445-8667

Special room rates of $109 per night apply.
(extended through the weekend)
Give SPE as the group code when making your reservations.

HURRICANE BUS TOUR
For information and registration go to:
spe-delta.org

REGISTRATION FORM

AUGUST 24 & 25, 2006 • HILTON RIVERSIDE HOTEL • NEW ORLEANS, LA

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REGISTRATION FEE: $200.00 Member/$250.00 Non-Member (Includes Breakfast, Lunch & Reception)
(May be a member of SPE, NOGS or AADE)
(Registration Fee is Non-Refundable)
Registration is limited, and will be on “First Paid – First Served” basis.
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