Changing the Landscape of A&D
GENERAL MTG P.11

YOUNG PROFESSIONALS
Distinguished Lecturer Program: A Methodology to Design Exploratory Wells
P.26

OPEN OFFICER POSITIONS
P. 9

VOLUNTEER OPPORTUNITIES
COMMUNITY SERVICE P. 29

Then and Now
Buddy Woodroof P. 5

SPEGCS.ORG
The SPE Gulf Coast Section relies on volunteers to plan and conduct all our member programs and community activities. What is volunteerism? The dictionary definition is “the policy or practice of volunteering one’s time or talents for charitable, educational, or other worthwhile activities, especially in one’s community”. What is a volunteer? The dictionary definitions are “a person who voluntarily offers himself or herself for a service or undertaking” and “a person who performs a service willingly and without pay”. As we organize technical programs and community activities for the remainder of 2012-13 program year in the Gulf Coast Section, please reflect on the following questions before you volunteer. I have answered question number one for you.

1. What is the mission of the organization?
   “The Gulf Coast Section of the Society of Petroleum Engineers enhances technical knowledge among our members through local events, promotes camaraderie and networking in our industry, educates and serves the community, and provides scholarships to students entering the oil and gas industry.”
2. Does the mission match your goals?
3. What would be your duties?
4. Can you apply your talents and skills?
5. What is the time commitment? How many meetings or activities?
6. Will you receive regular communications?
7. Do volunteers receive training?
8. Are mentors available?
9. Would you be able to add to your skill set?
10. Does the organization recognize its volunteers?

The SPE Gulf Coast Section will honor its 2013 Houston Area Engineer of the Year during Engineers Week Celebration on February 17-23, 2013. The Engineer of the Year must be a professional engineer currently licensed in the State of Texas and have an enviable record of engineering achievements, professional and technical society involvement, and participation in civic and humanitarian activities. The Houston Area Young Engineer of the Year will also be honored during Engineers Week. George King was selected as 2012 Houston Area Engineer of the Year and Kenji Furui was selected as 2012 Houston Area Young Engineer of the Year.

The Houston Engineers Week Committee needs volunteers to plan and execute this event. Please contact Andrea Ranft, Committee Chair, at Ande_Ranft@TSCEngineering.com to volunteer.

We would like to know how we can serve your interests with programs and activities organized by the SPE Gulf Coast Section study groups and committees. We encourage you to become active in a study group or committee. Please send me your comments and suggestions. My email address is sbaumgartner@marathonoil.com.
FEATURES

November 2012

STUDY GROUPS

GENERAL MEETING
Changing the Landscape of A&D
P. 11

DIGITAL ENERGY
Real-time Monitoring and Production Optimization of Subsea Fields
P. 13

DRILLING
Shear Degradability of Granular Lost Circulation Materials
P. 15

NORTHSIDE
Well Performance Evaluation and “Best Practices” for Completing Liquids Rich Conventional and Unconventional Reservoirs
P. 16

PERMIAN BASIN
Texas Rail Road Commissioner, David Porter
P. 17

PROJECTS, FACILITIES & CONSTRUCTION
Closing Generational Gaps
P. 19

RESERVOIR
Production Analysis in the Eagle Ford Shale - Best Practices for Diagnostic Interpretations, Analysis, and Modeling
P. 20

WESTSIDE
Perforating and Stimulating Instrumented Completions: Commercially Viable or Technology Gap
P. 21

COMMITTEES

AUXILIARY
November 2012 Activities
P. 25

YOUNG PROFESSIONALS
Distinguished Lecturer Program: A Methodology to Design Exploratory Wells
P. 26

Events
P. 27

COMMUNITY SERVICE
High School Recruiting Fairs
Energy4Me
Volunteer Opportunities
P. 29

IN EVERY ISSUE

SPE-GCS MEMBERSHIP REPORT
August 2012

VOLUNTEER SPOTLIGHT
Syed A. Ali
P. 7

SPE GULF COAST SECTION DIRECTORY
Your guide to your organization leaders
P. 30

MORE

OPEN OFFICER POSITIONS
P. 9

NEW STUDY GROUP ANNOUNCED
Research & Development
P. 10

THURS November 8

7:30 AM TO 10:30 AM

SPE-GCS BOARD OF DIRECTORS MEETING

LOCATION
SPE Houston Office
10777 Westheimer Rd.
Suite 1075
Houston, TX 77042

EVENT CONTACT
Sharon Harris
713-457-6821 EXT. 821
713-779-4216 FAX
sharris@spe.org

NOVEMBER 2012  3
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<table>
<thead>
<tr>
<th>Lectures 1–2 Introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 September</td>
</tr>
<tr>
<td>19 September</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lectures 3–6 Oil and Water Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 October</td>
</tr>
<tr>
<td>17 October</td>
</tr>
<tr>
<td>31 October</td>
</tr>
<tr>
<td>14 November</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lectures 7–9 Gas Handling</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 January</td>
</tr>
<tr>
<td>23 January</td>
</tr>
<tr>
<td>6 February</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lectures 10–12 Piping and Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 February</td>
</tr>
<tr>
<td>6 March</td>
</tr>
<tr>
<td>20 March</td>
</tr>
</tbody>
</table>

Learn more and register at [www.spe.org/go/intro_facilities](http://www.spe.org/go/intro_facilities).
NOVEMBER 1962

Shell-developed robot, controlled from drill ship, begins doing roughneck’s work by working on a subsea wellhead in 200-ft water off California coast. Enrico Mattei, the controversial president of the Italian government’s oil company Eni, is killed in a plane crash, and the future of this unique oil conglomerate is up in the air. Plans are set for the construction of the world’s first commercial project for storing liquid methane in a frozen excavation in La Havre, France. After nearly 40 years in Los Angeles, Superior Oil’s headquarters is being moved to Houston, along with the reduction in authority for both chairman W. M. Keck and president and son Howard Keck.

U.S. active rig count – 1,544

NOVEMBER 1987

Coastal Corp. Chairman Oscar Wyatt predicts an end to the gas bubble in the next 2-3 years. (Now there was a character!) While China presses to become one of the biggest markets for commercial oilfield products and services, India pushes for more self-reliance in oilfield equipment. (Word has it that India will be using oilfield service help-desks located in the U.S.!) The California Energy Commission is reportedly studying the feasibility of a separate petroleum reserve for the West Coast as a buffer in the event of a world oil supply disruption. Shell Offshore shatters the world water depth drilling record with a Mississippi Canyon wildcat spudded in 7,520 ft of water.

WTI crude oil - $19.19/bbl; U.S. active rig count – 1,141

NOVEMBER 2002

Baghdad’s acceptance of the United Nations Security Council’s resolution to allow weapons inspectors to return to Iraq after nearly 4 years served to push oil markets downward. The 4,000-6,000 tonnes of heavy fuel oil spilled off Galicia, Spain by the storm-damaged Liberian tanker Prestige is expected to remain on or near the ocean floor for some time before spreading towards the coastlines of Spain, Portugal, and France. The U.S. Strategic Petroleum Reserve currently holds the largest volume of crude oil stored there since the federal government began the emergency stockpile in 1977. Its 592 million barrels of oil is expected to continue to increase to its design capacity of 700 million barrels by 2005.

The Trans-Alaska Pipeline returns to service following a shutdown in the wake of an earthquake of 7.9 magnitude that rocked Alaska in early November.

Light sweet crude oil - $25.57/bbl; Natural gas - $3.88/MMBtu; U.S. active rig count – 830

THE REST OF THE YARN

This month we continue our look-back at the far-reaching business arrangement that developed between Royal Dutch and Shell.

Even though they had formed an alliance, there had not been a company by the name of Royal Dutch-Shell Oil Co. Instead there were separate British and Dutch holding companies, with Royal Dutch owning 60% and Shell 40% of each. The Dutch-Shell “combine” grew rapidly after 1907. By the outbreak of war in Europe it had acquired the largest of the Rothschild properties in Russia; the largest company in Romania; the beginnings of producing companies in Egypt, Iraq, Mexico, Venezuela, and the United States, and marketing operations almost everywhere.

The next order of business for the Dutch-Shell “combine” was to declare war on Standard Oil, who Sir Henri Deterding, the head of Royal Dutch and the architect of the “combine”, claimed was engaging in price wars to put him out of business in one area after another. The breakup of Standard Oil in 1911 did not bring about an armistice, for the Jersey Standard spinoff carried on much as the parent monopoly had done at the international level.

In 1912 a Jersey Standard subsidiary acquired concessions in Sumatra, and Deterding retaliated by invading California and Oklahoma simultaneously. On the West Coast, where California refineries were not keeping up with growing demand for gasoline, Shell began importing Sumatra gasoline and rapidly built a big market. Soon thereafter, Shell bought from its British owners the big Coalinga producing properties of California Oilfields, Ltd.

In 1914 Shell Oil Company of California was formed, and it began building a pipeline to San Francisco Bay and construction of what it called America’s first modern refinery at Martinez. By the time the U.S. entered WWI, Shell was one of the West Coast’s most important integrated companies.

Next month, Shell enters the business from the producing end, and the integration process continues by both Shell and Royal Dutch.

ANSWERS TO OCTOBER’S QUIZ

Twenty-Six Broadway” was the most famous address in the oil world for two generations. What organization was located at that address?

ANOTHER QUEST

TWO OUT OF FOUR

If you would like to participate in this month’s quiz, e-mail your answer to contest@spe.org by noon November 15. The winner, who will be chosen randomly from all correct answers, will receive a $50 gift card to a nice restaurant.

NO ENTRY BETTER THAN TWO OUT OF FOUR

If you would like to participate in this month’s quiz, e-mail your answer to contest@spe.org by noon November 15. The winner, who will be chosen randomly from all correct answers, will receive a $50 gift card to a nice restaurant.

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Volunteer Spotlight

Syed A. Ali
Awarded the SPE Distinguished Service Award at ATCE

Syed Ali is the third Gulf Coast Section volunteer who was awarded the SPE Distinguished Service Award at the Annual Technical Conference & Exhibition in San Antonio on October 9th. He served on the Program Committee that selected papers for presentation at that meeting.

Syed was a Chevron Fellow with Chevron Energy Technology Company, retiring after 31 years with the company. Today, he is a research advisor at Schlumberger, focusing on short-term product development and commercialization and providing technical support in formation damage and acidizing.

For SPE, he has served on the JPT Editorial Committee and as Executive Editor of the SPE Production & Operations journal. He has made substantial contributions to the industry literature by reviewing more than 100 technical papers as part of SPE’s peer review program. He was an SPE Distinguished Lecturer in 2004-5 and received the SPE Production and Operations Award in 2006.

In regards to volunteering for SPE, he says, “I have been an active volunteer for the past 20 years. My decision to volunteer is based on wanting to give back to SPE that has given me so much professional growth and practical experience.”

Syed has B.S. and M.S. degrees from the University of Karachi in Pakistan and a Ph.D. from Rensselaer Polytechnic Institute in Troy, NY.
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OPEN OFFICER POSITIONS

Ready to try your hand at an open officer position?

The following study groups and committees below could use your help!
Contact the group or committee’s chairperson for more information.

CONTINUING EDUCATION COMMITTEE
Treasurer
Contact Dorian Hicks, 713-444-3230
dth1@rice.edu

NORTHSIDE STUDY GROUP
Registration Chair
Special Events Chair
Development Chair
Contact Shawn Rimassa, 713-428-4902
shawn.rimassa@basf.com

EDUCATION COMMITTEE
CISH Chair
Teacher Workshops
Contact Gabrielle Guerre, 713-750-5491
gabrielle_guerre@ryderscott.com

BUSINESS DEVELOPMENT STUDY GROUP
Sponsorship Chair
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Registration Chair
Contact Chris Atherton at 713-660-0894
chris.atherton@energynet.com

GENERAL MEETING STUDY GROUP
Vice Treasurer
Contact James Maffione, 713-465-1110
jmaffione@decisionstrategies.com

INTERNATIONAL STUDY GROUP
Vice Chair
Contact Michael Cherif, 713-431-1466
michael.h.cherif@exxonmobil.com

MAGIC SUITCASE
Suitcase Champion – Katy
Contact Sean O’Brien, 281-389-0104
sepsp@tengizchevroil.com

HEALTH, SAFETY AND ENVIRONMENT
Treasurer
Contact Trey Shaffer, 281-600-1016
trey.shaffer@erm.com

WESTSIDE STUDY GROUP
Vice Secretary
Contact Alex McCoy, 713-366-5653
alexander_mccoy@oxy.com

NOVEMBER 2012
NEW STUDY GROUP RESEARCH & DEVELOPMENT

We will be meeting at the SPE-GCS offices on November 15th from 11:30 AM to 1:00 PM to explore the formation of a Research & Development Study Group. It is anticipated that the R&D Study Group will focus on:

• Promoting R&D and technology development
• Discussing breakthrough research areas
• R&D methods and tools
• R&D people skills

The overall objective of the Study Group is to expedite, facilitate, and provide a forum for discussion and cooperation on petroleum R&D. The Study Group will be closely aligned with the SPE R&D Technical Section.

If you are working in R&D, technology development or product development, please register to come and discuss the formation of this Study Group. We will discuss upcoming topics and potential speakers as well as determine who is interested in serving on the Study Group committee.

Event Info

LOCATION
SPE-GCS offices
Training Room
10777 Westheimer Road
Suite 1075
Houston, TX 77042

EVENT CONTACT
Skip Davis
713-962-3290
skip.davis@cgi.com

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Changing the Landscape of A&D

This presentation will look at the changing landscape of acquisitions and divestitures in the oil and gas industry, especially in the area of shale gas and oil reservoirs. In addition, it will compare and contrast Halcón Resources Corporation’s start-up to that of Petrohawk Energy Corporation. Mr. Herod will review Halcón’s current shale rich asset portfolio.

Stephen W. Herod

Stephen W. Herod is co-founder and President of Halcón Resources Corporation. Spanish for “hawk”, Halcón is the latest in a series of successful companies founded by Chairman and CEO, Floyd Wilson.

Mr. Herod was a co-founder and Executive Vice President of Corporate Development at Wilson’s most recent venture, Petrohawk Energy Corporation, known for its notable sale to BHP Billiton in December of 2011. He played a key role on the leadership team responsible for turning Petrohawk from a $60 million investment into a $15.1 billion company in seven years.

Prior to Petrohawk, he served as Executive Vice President of Corporate Development for 3TEC Energy Corporation from 1999 to 2003, and was President of Shore Oil Company from 1992 until the merger of Shore with 3TEC in 1997. He spent seven years at Conquest Exploration Company in various financial management positions. He started his career in 1981 as a financial analyst with Superior Oil Company. He is a 1981 graduate of Oklahoma State University with a B.S. degree in finance and management.
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SESSIONS IN 2012

ADVANCED SEISMIC STRATIGRAPHY: A SEQUENCE-WAVELET ANALYSIS EXPLORATION-EXPLOITATION WORKSHOP – ADS / 29 October – 2 November
APPLIED RESERVOIR ENGINEERING – RE / 26 November – 7 December
BASIC RESERVOIR ENGINEERING – BR 5-9 November
DEVELOPMENT GEOLOGY – DG 26-30 November

DECLINE CURVE ANALYSIS AND DIAGNOSTIC METHODS FOR PERFORMANCE FORECASTING – DCA / 17-16 December
FOUNDATIONS OF PETROPHYSICS – FPP 12-16 November
PRODUCTION GEOLOGY FOR OTHER DISCIPLINES – PGD / 3-7 December
RESERVOIR MANAGEMENT – RM 10-14 December
STUCK PIPE PREVENTION-TRAIN WRECK AVOIDANCE™ – SPP 10-12 December

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As subsea oil and gas developments continue in deep offshore and remote regions, the need for real-time monitoring to optimize production operations and asset integrity becomes more important in the industry. Considering the large CAPEX investments associated with such deepwater subsea fields, there is increased industry focus on improved reservoir recovery, condition and performance monitoring and production optimization. To respond to this need, real-time systems such as FMC’s FlowManager™ have been developed to produce accurate monitoring of production and injection rates, monitoring of flow assurance performance such as liquid hold-up in flow lines, hydrate monitoring, formation water break-through, choke optimization, wax buildup in flow lines and abnormal blockages in subsea systems.

In this presentation, FMC Technologies will describe how model-based software system delivers real-time performance monitoring of subsea fields to enable optimized production and minimize costly downtime. The presentation will cover example applications.

Janardhan Davalath

Janardhan Davalath is Western Region Manager of Subsea Process Systems and Flow Management at FMC Technologies. He leads a department responsible for business development, design, engineering, product development, sales/marketing and execution of projects in subsea process systems and flow management. He holds a Bachelors of Science degree in Mechanical Engineering from Lamar University and a Master of Science degree in Mechanical Engineering from Rice University.
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Shear Degradability of Granular Lost Circulation Materials

This presentation summarizes the results of a study done to better understand the physical degradation experienced by lost circulation materials (LCMs) in a circulating drilling fluid during drilling operations. In this study, 15 conventional granular LCMs used to remediate and prevent lost circulation were subjected to shear degradation tests, and the effect of shear on the particle size distribution (PSD) was measured. Four chemical families of LCMs were studied: marble, carbon, a tough, short-filament fiber, and nutshells. All of these had aspect ratios of length/width/breadth ~1/1/1, hence were classified as granular.

The results indicate that, while the carbon-based products are more resistant than the marble-based products to shear degradation, neither one is particularly long lasting, especially compared to the fibers and nutshells, which exhibited little or no change in their particle size distributions. An exception is a high-resiliency carbon-based LCM, which showed much greater resistance to shear degradation than the other carbon-based products, though slightly lower than the fiber and nutshell products. The carbon and marble-based products exhibited greater resistance to shear degradation with decreasing particle size, and the trend was stronger for the carbon than for the marble product line. A fine-mesh marble exhibited unusually high sensitivity to shear, which was not consistent with that trend; not surprising, considering that it is sourced differently than the other marble products and is ground in a way that may make it more susceptible to fracturing. Neither the fiber nor the nutshell demonstrated a clear size dependence of shear resistance based on particle size.

Ramy Mahrous

Ramy Mahrous is a Global Technical Services Engineer in M-I SWACO’s Drilling Solutions division based in Houston, Texas. He has seven years experience in drilling fluids engineering and field applications. His work experience was primarily in Middle East before expanding to the US, India and Latin America. He has been involved in extreme HTHP drilling projects where high concentrations of H2S and ultra-high temperatures were encountered as challenges in the field. Mr. Mahrous was born in Cairo, Egypt, and has a BSc in Mechanical Engineering / Hydraulics (Fluid Mechanics & Gas Dynamics).
Well Performance Evaluation and “Best Practices” for Completing Liquids Rich Conventional and Unconventional Reservoirs

The current “shale gale” phenomena started in the Barnett gas play in 2003 with the introduction of multistage horizontal well fracs. The primary focus of the industry for the next eight years was development of shale gas plays with shale gas frac optimization being the subject of numerous conferences and studies. The success of shale gas operators has been a double-edged sword with respect to natural gas prices. The price of success has been a flood of natural gas into the system that has resulted in a sub-economic price for most of the main shale gas plays. Alternatively, the liquids side of the business has seen a significant surge in activity fueled by oil prices in the $90+ per barrel range. While operators were initially tempted to try shale gas completion techniques in the liquids plays, it became apparent early on that the liquids plays were different. Understanding the nature of the differences was critical to optimizing completions in these plays. Small pore throat sizes and low fracture conductivities that were adequate for gas flow were not always effective conduits for liquids flow. This resulted in liquid prone reservoirs having much tighter “sweet spots” for optimum proppant placement.

In this presentation, case histories will be used to present a methodology that characterizes these “sweet spots”. This characterization is integrated with the rock mechanical properties profile to develop “best practices” for completing these liquids rich reservoirs.

Robert Barba

Robert Barba spent 10 years with Schlumberger as an open-hole field engineer, sales engineer, and product development manager. While at Schlumberger, he was the US product champion for the FracHite and Quantifrac products that integrated wireline, testing, and pumping inputs to optimize hydraulic fracture treatments. Since then, he has spent 20 years consulting to over 200 companies on petrophysics and completion optimization. He served as an SPE Distinguished Lecturer on integrating petrophysics with the hydraulic fracture treatment optimization process. He has been responsible for conducting numerous studies and has analyzed a large number of major fields worldwide. Bob was a pioneer in the characterization of the Wolfberry with three SPE and two SWPSC papers on optimizing fracture treatments in the Spraberry/Dean/ Wolfcamp in the late 1980’s and early 90’s. He has a BS from the US Naval Academy and MBA from the University of Florida. He is also a member of the SPE, SPWLA, AAPG, and Petroleum Society of the Canadian CIM.
An Overview of the RRC, Updates on Regulations/Rules, and the Current and Future State of Oil and Gas in Texas

This presentation will focus on an overview of the RRC, an update on regulations/rules as well as the commissioner’s thoughts on the current and future state of oil and gas in Texas along with the importance of developing shales responsibly. He will also address the threat Texas is facing from the federal government, specifically the EPA.

David Porter

On November 2, 2010, David J. Porter was elected to serve a six-year term as a Texas Railroad Commissioner. He won nearly 60% of the vote in that election. Since taking office, Commissioner Porter has been appointed to the Interstate Oil and Gas Compact Commission as an Associate Representative by Texas Governor Rick Perry. Porter was also appointed to serve as the Governor’s official representative on the Interstate Mining Compact Commission.

He recently created the Eagle Ford Shale Task Force, the first of its kind at the Texas Railroad Commission, to establish a forum that will bring the community together and foster a dialogue regarding drilling activities in the Eagle Ford Shale. The Task Force is comprised of local community leaders, elected officials, industry representatives, environmental groups, and landowners. The goal of the group is to open the lines of communication between all parties involved, establish recommendations for developing the Eagle Ford Shale and promote economic benefits locally and statewide.

Before taking office, Commissioner Porter built a successful small business around his CPA practice in Midland Texas, providing accounting and tax services to oil and gas producers, royalty owners, oil field service companies and other small businesses and individuals.

He graduated Magna Cum Laude from Harding University in May of 1977 with a Bachelor’s Degree in Accounting. He became a Texas CPA in September 1981.
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Closing Generational Gaps

Today’s workforce spans from first-year out of high school to last-year before retirement, yet teams must work cohesively to develop and maintain infrastructure for the oil and gas community. Expectations, standards, values, beliefs, and even diction vary from one generation to another. This luncheon presentation will examine the different backgrounds of your employees and shed some light on the barriers between them to help your workplace become more positive and productive. Charles Wilds, President, The SOS Group Inc., will attempt to answer these questions and more:

- With the workforce generation gap wider than ever, what are the greatest leadership challenges?
- When developing and maintaining infrastructure, teams should include what age brackets, how many and are there enough in the workforce?
- How do the varying backgrounds and values of the younger generation vs. the hard working “boomers” play into ethics, loyalties, priorities, and more? What are the differences, barriers, challenges or opportunities?
- How can we best position teams for positive and productive change? Who or what is in the way? Who should lead and who should follow?
- What recommendations and possible actions can we take going forward for a new evolution in leadership and behavioral based change?

Charles Wilds

Charles Wilds founded THE SOS GROUP INC in 1999, and has over 30 years of executive leadership experience in the oil and gas industry. His career encompasses results based engineering, project management, commercial management, technology development, strategic planning, business development, operations and organizational change management with Fortune 500 Corporations. In addition to leading THE SOS GROUP INC, Charles provides strategic business advice, facilitation and leadership coaching to executives and their teams.

Event Info

**Speakers**
Charles Wilds

**Location**
Norris Center at City Center
713-590-0950

**Event Contact**
Brad Nelson
832-230-8246
bnelson@maxoilsolutions.com

**Members**
$35

**Non-Members**
$40

**Event Info**

11:30 AM TO 1:00 PM

November 27

The Up-To-Date, Practical Guide to Modern Petroleum Reservoir Engineering by DR. NNAEMEKA EZEKWE

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Production Analysis in the Eagle Ford Shale - Best Practices for Diagnostic Interpretations, Analysis, and Modeling

The Eagle Ford Shale is emerging as the foremost “liquids-rich” shale play in North America. The use of production data analysis in the Eagle Ford Shale has tremendous importance in:
• determining well/reservoir properties;
• establishing completion effectiveness; and
• estimating future production.

The Eagle Ford Shale presents additional difficulty in the form of fluid behavior characterization. Near-critical PVT behavior (as in the case of the Eagle Ford Shale) is an important component of well performance, which cannot be overlooked during analysis and modeling. This talk addresses the common challenges encountered during production analysis and modeling of the Eagle Ford shale wells. In particular, we will present the differences observed in production forecast due to characterization of the fluid. This talk presents guidelines on how to perform diagnostics, analysis and forecast of the wells in the Eagle Ford shale considering the variability in fluid properties.

We present diagnostic interpretations of various wells (ranging from lower to higher initial yield values), and demonstrate model-based production analysis using non-linear numerical simulation for specific wells. Furthermore, we investigate the long-term yield behavior by running sensitivities to various drainage area and pressure drawdown cases.

Dilhan Ilk

Dilhan Ilk is a Reservoir Engineer at DeGolyer and MacNaughton in Dallas. He holds B.Sc. from Istanbul Technical University, and M.Sc. and Ph.D. from Texas A&M — all in Petroleum Engineering. Dr. Ilk focuses on well performance analysis and forecasting in unconventional reservoirs and has extensive practical experience in numerous unconventional oil and gas fields. Dr. Ilk has made several contributions to petroleum engineering literature, and to date, he has prepared more than 30 articles covering varying topics.
Perforating and Stimulating Instrumented Completions: Commercially Viable or Technology Gap

This presentation will cover challenges to completing and perforating instrumented completions that have gauges, fiber optic, or control lines.

The presentation will clearly identify challenges and solutions to mitigate problems associated with perforating instrumented and smart wells, both vertical and horizontal completions. Cost of unconventional reservoir completion types are significant, and currently the chance of damage/loss of downhole instrumentation equipment during perforating activities is high.

Equipment that is currently available for orienting and perforating instrumented and smart wells is extremely limited and few personnel are knowledgeable on the techniques, proper orientation of tools, and limitations of the equipment. None of the available equipment was specifically designed to provide the information needed for successful perforation operations in instrumented wells.

The presentation will include lab tests, full-scale tests, and field application case histories. Currently available equipment and limitations will be discussed along with new technology being developed by ConocoPhillips with service provider partners that should significantly increase the chance factor for success when completing these expensive instrumented/smart wells.

Curtis Blount

Curtis Blount is an Engineering Fellow at ConocoPhillips in Houston’s Global Wells Technology group. He has been active in research and applied technology development for more than 25 years and has co-authored over 30 technical papers and 20 patents. He was an SPE Distinguished Lecturer on CT drilling technology in 2002-03, SPE Alaska Section’s Engineer of the Year in 2003, and SPE’s Drilling and Completion Award recipient in 2007.
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Society of Petroleum Engineers 2nd Annual UH-RICE Student Chapter Golf Tournament

Prizes for top teams, hole prizes, & more. All proceeds benefit SPE UH-Rice Student Chapter. All entries include: Greens fees, golf carts, range balls, breakfast and lunch, on-course beverages and open bar. Register by October 29, 5 PM. $20 late entry fee will be charged after registration date. Field limited to 120 players.

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Hole Sponsor $500
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Hole Sponsor $250
(Signage at any non-event hole)

Event Info

LOCATION
BlackHorse Golf Club
12205 Fry Road
Cypress, TX 77433

REGISTRATION FEE
$150 – Single Entry
$550 – 4-Person Entry

REGISTRATION
Kyndall Semones
klsemones@uh.edu
903-312-6127

SPONSORSHIP:
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HOUSTON SPE AUXILIARY NOVEMBER ACTIVITIES

DATE
Friday, November 9, 11:00 AM

EVENT
To be Announced

LOCATION
Rio Ranch Restaurant
9999 Westheimer Rd.
Houston, TX 77042
713-952-5000

COST
$32 (Checks Only, Please)

CONTACT
Darlene Hirasaki
713-662-2946
ghirasaki@att.net

EVENT
Auxiliary Book Club

BOOK
To Be Announced

DISCUSSION LEADER
Barbara Burnside

HOSTESS
Carol Ann Gold

MORE INFO
Martha Lou Broussard
713-665-4428

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MARK OF M-I L.L.C

Integrating mechanics, chemistry and hydraulics for a new dimension in displacement expertise
This presentation will describe the well management process used by Petrobras International to design and drill exploratory wells. The case of the ultra deepwater well drilled in the Black Sea will be presented. The well location, in the middle of a remote area of the Black Sea, has been a great challenge in terms of its complexity level. The drilling of this wildcat deepwater well has faced a number of expected hazards, such as the presence of shallow gas zones, long abnormally pressurized intervals, low fracture pressure gradient sections, loss circulation zones due to the presence of fractured limestone, great potential for false kicks and the possibility of having gas migration to the riser.

Petrobras’ well classification methodology will also be presented. This method takes into account several factors that include water depth, number of wells drilled in the area, the existence of abnormally pressurized formations and a number of other obstacles. The main idea of this procedure is to establish the proper well design robustness and to define operations actions, which should be used to mitigate operational problems that could arise.

Despite of all these challenges, the well in this case was executed according to its original plan indicating that the methodology was successfully applied and can be repeated in other wells. A number of lessons learned during the planning and execution phases of this project will also be discussed.

Dr. Luiz Alberto Santos Rocha

Dr. Luiz Alberto Santos Rocha started working for Petrobras in 1980 and currently occupies the position of Senior Advisor in the Operating Group of Petrobras International Headquarters. He teaches courses at the Petrobras Training Center at the Petroleum Brazilian Institute (IBP) as well as the Petroleum Engineering Course at his alma mater, The Pontifical Catholic University in Rio de Janeiro, PUC-Rio. Dr. Rocha has a degree in Mechanical Engineering with an MBA, both from The Pontifical Catholic University of Rio de Janeiro. He also has a PhD from Louisiana State University.
THANKSGIVING SOCIAL PARTY

EVENT CONTACT
Rachel Phillips
512-944-6005
racheldphillips@gmail.com

DETAILS COMING
Please join us for an evening of good company. Details to be announced.

LEMONADE DAY

EVENT CONTACT
Sudiptya Banerjee
281-460-1973
sudiptya.banerjee@gmail.com

LOCATION
The Service Center
6450 Clara Road, Suite 100
Houston, TX 77041

DETAILS
Lemonade Day is a community-wide educational initiative designed to teach children how to start, own and operate their own business—a lemonade stand. Children learn the entrepreneurial skills necessary to be successful in the future and become contributing members of their society.

Help out behind the scenes by stuffing backpacks with program materials for the kids! The event will take place at the Service Center off Highway 290 and Gessner.

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Control it with TAM Casing Annulus Packers and Port Collars.

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The new SandTrap ABC service:
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Operator Results
Formation sand production was curtailed and hydrocarbon production was resumed at the same rate as prior to sand issues. To learn more, visit halliburton.com/SandTrapABC, or e-mail us at sandcontrol@halliburton.com.
High School Recruiting Career Fairs

Contact
Xuan Harris
xuan.harris@gmail.com

The Gulf Coast Section holds its annual high school recruiting fairs throughout the Greater Houston Area to encourage talented young students to consider a future in the oil & gas industry. Each recruiting fair is 2-3 hours long and held at a different high school each night. At these fairs, we provide information to high school students and parents about petroleum engineering degrees, careers and SPE scholarships and internships.

We are looking for a team to lead and help organize this program. If you are interested in volunteering contact Xuan Harris.

Volunteer Opportunities

Are you looking to get more involved with SPE-GCS but not quite ready to make a full commitment to becoming an officer? Why not consider volunteering your time with one of the many opportunities that we have below?

Rice/UH Student Chapter Liaisons
We are in need of a volunteer to be a liaison with the Rice/UH Student Chapter. The main focus for the liaison is to bridge the gap between the student chapter and our main section as well as to offer the student chapter support for any of their activities.

Contact
Mikhail Alekseenko, UH, 713.922.7195, malekseenko@uh.edu

Membership Committee Volunteers
The membership committee is always looking for volunteers to help with renewal reminders, welcoming new members and transfers as well as anyone interested in participating in the Legion of Honor/YP Mentoring Program.

Contact
Jeanne Perdue, Jeanne_Perdue@Oxy.com, 713-215-7348

General Meeting Study Group Volunteers
The General Meeting Study Group is looking for volunteers to help work the webinar laptop and microphone during luncheons as well the registration and sign-in tables. Volunteers can work one meeting only or a series of meetings, depending on their availability. This study group is a great place to network with a broad range of individuals as the topics reach a wider range of our section.

Contact
James Maffione, JMaffione@decisionstrategies.com, 713-465-1110

Education Committee Volunteers
The Education Committee plays a large part in our section’s offering of scholarship and internship programs. We are in need of many volunteers not just during the spring scholarship interview process but also throughout the year. Main areas of need are registration and sign in tables during scholarship interviews, education liaisons and volunteers for the University of Houston, Lone Star College and the HCC Petroleum Technology and PetroEd program.

Contact
Gabrielle Guerre, Gabrielle_guerre@ryderscott.com, 713-750-5491

Westside and Digital Energy Study Groups
The Westside Study Group and the Digital Energy Study Group are both looking for volunteers to help set up and work registration tables before their meetings. For the Westside Study Group, this would be a great opportunity for someone who lives and/or works in Energy Corridor.

Westside Contact
Alex McCoy, 713-366-3563, Alexander_mccoy@oxy.com

Digital Energy Contact
Carol Piovesan, 949-232-6353, cpiovesan@apooffshore.com

ENERGY4ME CLASSROOM PRESENTATIONS

Details
Energy4Me is a classroom program that both connects industry volunteers with teachers and teachers with the tools they need to bring the oil and gas industry into the classroom. This program puts activities and lesson plans directly into the teacher’s hands. While Energy4Me was designed with teachers in mind, we have successfully used this platform as a way for volunteers to step into the classroom for an hour or two to bring their own experiences to students of all ages.

Contact
For additional information on how to bring a speaker to your classroom, or to volunteer to bring the program to an area school, please contact Kim Tran at kim.m.tran@gmail.com
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**MEMBER Information**

**Reservations**

For all SPE-GCS topical luncheons and social activities, please register online at [www.spegcs.org](http://www.spegcs.org). You must provide your SPE member number to receive member prices. Guests who have not made a reservation online will be charged an additional amount at the door. Walk-ins are not guaranteed admittance.

Reservations and cancellations required for all events.

- No-shows will be billed.
- Walk-ins will be charged extra.

Mastercard, Visa, American Express, Discover, and Diner’s Club are accepted for advance reservations only. The technical and other opinions expressed by speakers at the Gulf Coast Section meetings may not have been reviewed by SPE and do not necessarily reflect the position of SPE, the Gulf Coast Section, its officers, or members. The only forum for rebuttal and discussion is during the meeting.

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Member Services Dept.
P.O. Box 833836
Richardson, Texas 75083-3836
1.800.456.6863
service@spe.org
CALENDAR

November 2012

Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday
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4 | 5 | 6 | 7 | 8 | 9 | 10
5 12 14 15 16 17 26
6 Student Golf Tournament General Meeting Young Professionals Auxiliary Event 19 20 21 22 23 24
7 Young Professionals 11 13 14 15 16 17
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