



Gulf Coast Section

NOVEMBER  
2012

# CONNECT

SPE GULF COAST SECTION NEWSLETTER

## 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

# CHAIRMAN'S CORNER

STEVE BAUMGARTNER  
2012-2013 SPE-GCS Chair



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 2013 Houston Area Engineer of the Year will be honored during the 2013 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 [AndreaRanft@TSCEngineering.com](mailto:AndreaRanft@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](mailto:sbaumgartner@marathonoil.com).

# CONNECT

Information

## Newsletter Committee

CHAIRMAN *Kim Tran*

SALES *Pat Stone*

BOARD LIAISON *Valerie Martone*

EDITOR/DESIGN *Deuce Creative*

[deucecreative.com](http://deucecreative.com)

For comments, contributions, or delivery problems, contact [editor@spegcs.org](mailto:editor@spegcs.org). The deadline for each issue is 6 weeks before publication on the first of each month. The SPE Gulf Coast Section newsletter is published eleven times each program year and is mailed to more than 15,000 SPE members in Houston.

## SPE Houston Office

Gulf Coast Section Manager

*Kathy MacLennan*

[kmaclelland@spe.org](mailto:kmaclelland@spe.org)

GCS Administrative Assistant

*Sharon Harris*

[sharris@spe.org](mailto:sharris@spe.org)

10777 Westheimer Road, Suite 1075

Houston, Texas 77042

Phone 713-779-9595

Fax 713-779-4216

Office hours: 8:30 a.m. to 5:00 p.m.

Monday through Friday

## Advertising

For information on advertising in this newsletter or on the SPE

GCS website, please contact:

*Pat Stone | 281-530-9711*

[starlite1@sbcglobal.net](mailto:starlite1@sbcglobal.net)

## Photo Submissions

We are looking for member photos for upcoming issues! Email your high resolution pictures to: [editor@spegcs.org](mailto:editor@spegcs.org)

# 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



### THEN AND NOW

by Buddy Woodroof



### SPE 2ND ANNUAL UH-RICE STUDENT CHAPTER GOLF TOURNAMENT

## COMMITTEES

### AUXILIARY

*November 2012 Activities*

P. 25

### YOUNG PROFESSIONALS

*Distinguished Lecturer Program: A Methodology to Design Exploratory Wells*

P. 26

### YOUNG PROFESSIONALS

*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*

# Society of Petroleum Engineers TRAINING COURSES

*Setting the standard for technical excellence.*

## Introduction to Facilities Engineering

Presented by Ken Arnold  
SPE Houston Training Center

Enjoy lunch and network with your peers while learning how production facilities fit into the overall scheme for developing oil and gas fields.

Purchase the entire lecture series or select a package right for you. SPE members receive a one-year subscription to *Oil and Gas Facilities* magazine with registration.

### Lectures 1–2 Introduction

- |              |  |
|--------------|--|
| 5 September  | From Exploration to Drilling   |
| 19 September | MODUs, MOPUs, Offshore Platforms, FPSOs, Pipelines, and Construction Equipment |

### Lectures 3–6 Oil and Water Handling

- |             |   |
|-------------|---|
| 3 October   | Facilities Orientation                    |
| 17 October  | Oilfield Process Selection and Separation |
| 31 October  | Treating Oil                              |
| 14 November | Treating Produced Water                   |

### Lectures 7–9 Gas Handling

- |            |  |
|------------|--|
| 9 January  | Hydrates                               |
| 23 January | Gas Dehydration, Treating & Processing |
| 6 February | Pumps and Compressors                  |

### Lectures 10–12 Piping and Safety

- |             |  |
|-------------|--|
| 20 February | Design for Piping and Relief Systems         |
| 6 March     | Design for Safety                            |
| 20 March    | Lessons from Piper Alpha and Other Disasters |

Learn more and register at [www.spe.org/go/intro\\_facilities](http://www.spe.org/go/intro_facilities).

# THEN & NOW

Column by  
BUDDY WOODROOF

## 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 Ente Nazionale Idrocarburi (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 refiners 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

*The first oil field in the U.S. that produced from a fractured shale reservoir was the Florence Field in south central Colorado which was discovered in 1881 and produced from the Pierre Shale.*

## NOVEMBER HISTORY QUIZ

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

**NO WINNER THIS MONTH...**

**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](mailto: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.*

# TGS WELL DATA DELIVERS THE WORLD



With over **6,000,000** well logs available, TGS provides high quality data from the most popular hydrocarbon plays around the globe.

Learn more at [WWW.TGS.COM](http://WWW.TGS.COM)



# FRAC OR FICTION



**FACT:** No foreign proppant can match CARBO's quality.

CARBO Ceramics® has maintained the highest standards of proppant quality from the mine to the wellsite for more than 30 years. Don't put your multimillion dollar investment at risk with marginal alternatives – trust CARBO.



Test your knowledge  
**FracOrFiction.com**  
Or text\* CARBO to 99000

©2012 CARBO Ceramics, Inc.

\*Text and data rates may apply.

## Don't put your offshore stimulation program on hold.



### Stop waiting for old boats and outdated equipment.

Our stimulation fleet includes many of the industry's newest, most innovative vessels incorporating advanced instrumentation and redundant, job-critical equipment.

Of course, it takes more than modern technology to ensure your well gets the right treatment the first time. Drawing on our global expertise, we carefully plan each job to ensure a customized fluid system is delivered reliably and efficiently—lowering NPT and risk while enhancing your production and profits.

[bakerhughes.com](http://bakerhughes.com)



"Used by the field pumpers ...  
...all the way up to management!"



**Oilfield Production Management Software**  
[www.productioneer.com](http://www.productioneer.com)  
(713) 401-9584

- Production Allocation
- Production Reporting
- 24/7 Support
- Desktop & Web App

# SPE-GCS MEMBERSHIP REPORT

September 2012

## SEPTEMBER

Total: 14,781

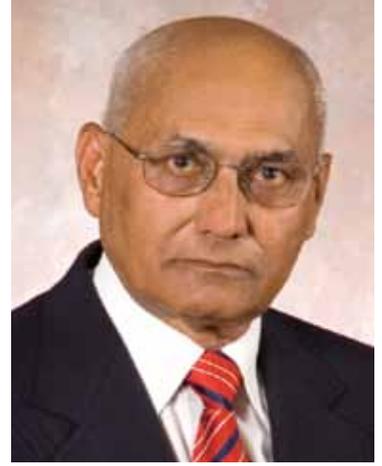
YP: 2,977

## AUGUST

Total: 14,550

YP: 2,886

|                                   | SEPTEMBER     |               | AUGUST        |               |
|-----------------------------------|---------------|---------------|---------------|---------------|
| <b>SPE-GCS Members</b>            | <b>14,781</b> | <b>2,977</b>  | <b>14,550</b> | <b>2,886</b>  |
| <i>New Members</i>                | 112           | 57            | 135           | 60            |
| <i>Transferred to Section</i>     | 160           | N/A           | 130           | N/A           |
| <i>Transferred out of Section</i> | 88            | N/A           | 72            | N/A           |
| <i>Unpaid</i>                     | <b>1,786</b>  | <b>668</b>    | <b>1,859</b>  | <b>687</b>    |
| <b>Student Members</b>            | <b>Paid</b>   | <b>Unpaid</b> | <b>Paid</b>   | <b>Unpaid</b> |
| <i>Texas A&amp;M</i>              | 753           | 139           | 680           | 146           |
| <i>UH/Rice</i>                    | 252           | 58            | 250           | 61            |
| <i>HCC</i>                        | 44            | 14            | 41            | 14            |
| <i>Total</i>                      | <b>1,050</b>  | <b>211</b>    | <b>971</b>    | <b>221</b>    |
| <i>Total Paid/Unpaid</i>          | <b>15,831</b> | <b>1,997</b>  | <b>15,521</b> | <b>2,080</b>  |
| <i>% Paid</i>                     | 88.8%         |               | 88.2%         |               |



## 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.

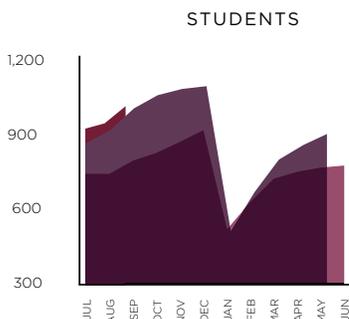
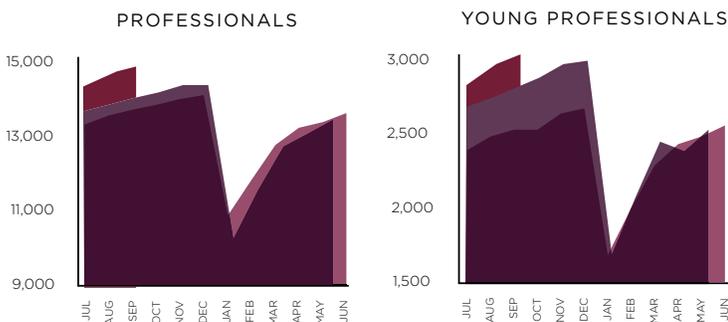
Syed was a Chevron Fellow with Chevron Energy Technology Company, retiring after 31 years with the company. Today, he is a research advisor at Schlumberger, focusing on short-term product development and commercialization and providing technical support in formation damage and acidizing.

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.

2010-2011 2011-2012 2012-2013



Please renew  
your SPE  
membership  
today at  
[spe.org/join](http://spe.org/join)

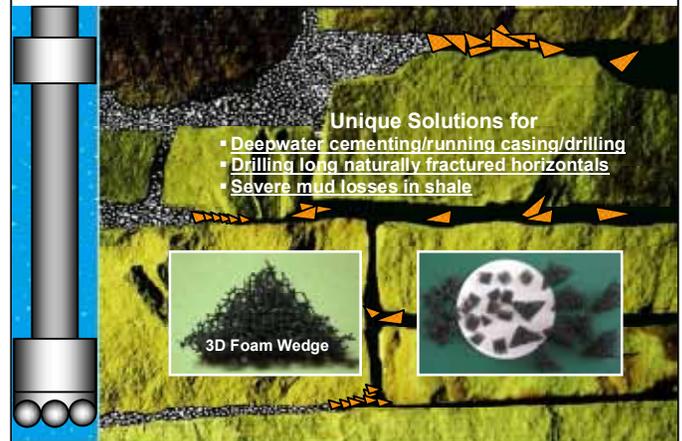
**1 SOURCE**

**FOR TOTAL WATER MANAGEMENT**

**SELECT ENERGY SERVICES**  
selectenergyservices.com

**One Size Fits Many™**

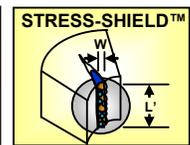
Lost Circulation Solutions to Natural/Induced Fractures



High Fluid Loss  
+ Foam Wedges  
For Shale or Sand



Low Spurt  
+ Foam Wedges  
Mix in Mud or Cement



Low Spurt  
+ Rock Mechanics  
Become Non-fracing

Go to [www.sharp-rock.com](http://www.sharp-rock.com) or contact Max Wang at 281-450-4944



© 2012 Sharp-Rock Technologies, Inc. All rights reserved.

**LUFKIN** *Expect More*

More **SYSTEMS**  
More **SERVICES**  
More **LOCATIONS**

Pump jacks with legendary quality and reliability have been the reputation of Lufkin for more than 100 years. In that same tradition, Lufkin now offers more artificial lift systems, more support services and more locations to serve operators around the world. These highly engineered solutions, supported by our experienced staff, deliver optimum production from your oil and gas wells.

Now, more systems and services to meet your requirements:

|                          |                      |
|--------------------------|----------------------|
| Field Optimization       | Plunger Lift         |
| Beam Pumping Units       | Gas Lift             |
| Hydraulic Pumping Units  | Completion Products  |
| Progressing Cavity Pumps | Maintenance & Repair |
| Reciprocating Pumps      | Training             |
| Automation               |                      |

Scan for More Product Information

*The Energy Flows Through Us®* LUFKIN.COM

Measured Solutions from The Completion Diagnostics Company

**Fracture height?**

With ProTechnics patented tracer and imaging services you can directly measure:

**SPECTRASTIM™**

- Fracture height
- Proppant distribution
- Wellbore connectivity
- Staging efficiency
- Zonal coverage
- Limited entry

**SPECTRASCAN®**

**ProTechnics**  
A Production Enhancement division of Core Laboratories

[www.corelab.com/protechnics](http://www.corelab.com/protechnics) 713-328-2320

# 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*

*Assistant Treasurer*

*Program Committee*

*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*

THURS  
November  
15

11:30 AM TO 1:00 PM

# 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

**MEMBERS**  
Complimentary

**NON-MEMBERS**  
Complimentary

# Shale? Yes

Barnett

Eagle Ford

Haynesville

Bakken

If you're looking for experience in the shales, no one has it like Ryan. We work in virtually all of them and we have since shale plays emerged. That's why we can directionally drill more efficiently and more economically.

Call Ryan at 281-443-1414 and see for yourself. If the question is shale experience, at Ryan the answer is yes.

**RYAN DIRECTIONAL SERVICES**  
A NABORS COMPANY

TETRA Technologies, Inc.

## 30 Years...Providing Solutions to the Oil & Gas Industry

- Well Testing
- Frac Flow Back
- Sand Management
- Early Production Facilities
- Data Acquisition Systems
- Production Enhancement
- Wellhead Compression
- Completion Fluids
- Casing Clean-Up Tools
- Fluid Filtration Services
- Frac Water Management
- Cased-Hole Wireline Services

**TETRA**

Focused on Energy. Dedicated to Service.

tetratec.com

© 2010 TETRA and the TETRA logo are registered trademarks of TETRA Technologies, Inc. All Rights Reserved.

# 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.

## Event Info

### SPEAKER

*Stephen W. Herod  
President – Halcón  
Resources Corporation*

### LOCATION

*Petroleum Club  
800 Bell Street, 43rd floor  
Houston, TX 77002*

### EVENT CONTACT

*Barry Faulkner  
281-627-8790  
barryfaulkner@earthlink.net*

### MEMBERS

*\$35 before 11/7/12, \$40 after*

### NON-MEMBERS

*\$40 before 11/7/12, \$45 after*

**VIKING**  
ENGINEERING, L.C.

- PETROLEUM CONSULTING
- HTHP WELL DESIGN
- PROJECT MANAGEMENT
- FAILURE ANALYSIS
- TRAINING

CRITICAL WELL ENGINEERING CONSULTING SERVICES

VIKING'S TEAM OF HIGHLY TRAINED PETROLEUM PROFESSIONALS LEND THEIR EXPERIENCE TO CREATIVE WELL DESIGNS.

**WE CAN HELP PLAN AND EXECUTE YOUR TOUGH WELLS.**

VISIT OUR WEBSITE: [WWW.VIKINGENG.NET](http://WWW.VIKINGENG.NET)  
OR CALL: (281) 870-8455 IN HOUSTON

**Dyna-Drill**<sup>®</sup>

Manufacturers of Drilling Motor Components

- Mud Motor Power Sections (Sizes: 2 7/8" to 11 1/2")
- Coil Tubing Power Sections (Sizes: 1 11/16" to 3 3/4")
- Matrix-3<sup>®</sup> Coated Bearings
- Precision Machining

[www.dyna-drill.com](http://www.dyna-drill.com)

Power That Lasts™

**Intertek**

Westport Technology Center

**Providing Expertise in Reservoir Characterization and Optimization**

Services include:

- PVT and Fluid Phase Behavior
- Routine and Special Core Analysis
- Enhanced Oil and Gas Recovery
- Geochemistry
- Petroleum Geology and Petrophysics
- Unconventional Reservoirs
- Drilling Fluids
- Flow Assurance
- Oilfield Corrosion
- Petroleum Microbiology

Intertek  
 Westport Technology Center  
 6700 Portwest Drive  
 Houston, Texas  
 713.479.8400  
 westportservices@intertek.com

www.intertek.com



**PETROFLEX LETS YOU ATTEND THESE LIVE, INSTRUCTOR-LED PETROSKILLS CLASSES FROM YOUR LOCATION-THROUGH YOUR COMPUTER!**

**SESSIONS IN 2012**

**ADVANCED SEISMIC STRATIGRAPHY: A SEQUENCE-WAVELET ANALYSIS EXPLORATION-EXPLOITATION WORKSHOP** – ADS / 29 October - 2 November

**DECLINE CURVE ANALYSIS AND DIAGNOSTIC METHODS FOR PERFORMANCE FORECASTING** – DCA / 17-18 December

**FOUNDATIONS OF PETROPHYSICS** – FPP 12-16 November

**APPLIED RESERVOIR ENGINEERING – RE** / 26 November - 7 December

**PRODUCTION GEOLOGY FOR OTHER DISCIPLINES** – PGD / 3-7 December

**BASIC RESERVOIR ENGINEERING – BR** 5-9 November

**RESERVOIR MANAGEMENT – RIM** 10-14 December

**DEVELOPMENT GEOLOGY – DG** 26-30 November

**STUCK PIPE PREVENTION-TRAIN WRECK AVOIDANCE™** – SPP 10-12 December

**PetroFlex™**

SEE OUR WEBSITE OR LOOK FOR THE PETROFLEX ICON NEXT TO SESSIONS IN THIS CATALOG FOR 2013 SESSIONS [WWW.PETROSKILLS.COM/PETROFLEX](http://WWW.PETROSKILLS.COM/PETROFLEX)

**PATENTED proNova™ by TDE**

**DRILLING PERFORMANCE**

**Drilling Tracking Report**

**CREW PERFORMANCE MEASUREMENTS**

**AUTOMATIC OPERATIONS DETECTION**

**INVISIBLE LOST TIME DETECTION**

**281.755.7595**  
[www.pronova-tde.com](http://www.pronova-tde.com)

**Slider**  
 Automated Directional Drilling

**IMPROVE YOUR HORIZONTALS**

- ✓ ON-BOTTOM TOOL FACE ORIENTATION
- ✓ INCREASED MOTOR LIFE
- ✓ INCREASED ROP & HORIZONTAL REACH CAPABILITY
- ✓ ELIMINATES ORIENTATION TIME LOSSES

[www.slb.com](http://www.slb.com) Schlumberger

**Pegasus Vertex, Inc.**

**Drilling Software**  
 Sophisticated yet Simple

713-981-5558  
 sales@pvicom.com  
 www.pvicom.com

# Real-time Monitoring and Production Optimization of Subsea Fields

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.

## Event Info

### SPEAKER

Janardhan Davalath  
Western Region Manager  
FMC Technologies

### LOCATION

Courtyard on St James  
1885 Saint James Place  
Houston, TX 77056  
713-621-0555

### EVENT CONTACT

Carol Piovesan  
949-232-6353  
chrobon@yahoo.com

### MEMBERS

\$35

### NON-MEMBERS

\$40

**Polar Star** 

Call us for help with:

Downhole equipment designs  
Completion design development  
Equipment selection

**Oilfield Consultants**

Guiding your projects along the right path

Marketing plans  
Sales collateral  
Sales promotion

Contact: James Garner

Phone: (281) 797-5186

Fax: (281) 485-7078

P.O. Box 3462, Pearland, TX 77588

Email: james.garner@polarstarconsultants.com

Web Site: www.polarstarconsultants.com

**Rose & Associates**

### UCRA Course

Advanced decision analysis and resource play assessment course

### UCRA Software

To model, risk and value staged drilling in resource plays

[allisondunn@roseassoc.com](mailto:allisondunn@roseassoc.com)

**Transferring E & P Risk Assessment Expertise**  
Instruction • Software Tools • Practical Consultation

www.**GeoSteering**.com

Specialists in geosteering with LWD

**Real-time and 24 / 7**

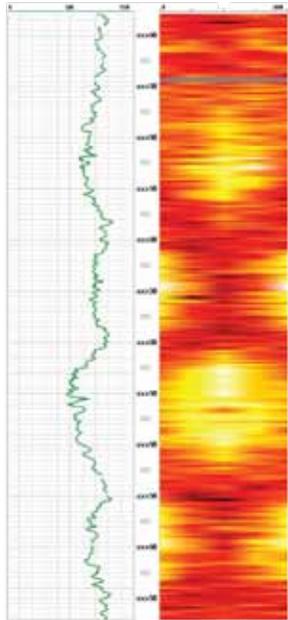
GR to Quad-Combo  
Image Interpretation  
Resistivity Modeling

**USA**

Bakken & Three Forks,  
Niobrara, Eagleford,  
Granite Wash, Woodbine,  
Permian, Haynesville,  
Barnett, Woodford, etc

**International**

Middle East, Europe, Latin  
America, China etc.



Real-time Log from Eagle Ford Geosteering Job

281-573-0500  
info@geosteering.com

**PEAK**  
COMPLETIONS  
INNOVATION | QUALITY | EXPERIENCE

**AMAZINGLY EFFICIENT**  
80% COMPLETION  
CYCLE TIME REDUCTION

To learn more about our open hole and cemented multi-stage stimulation systems, contact us at 866.684.PEAK(7325) or info@peakcompletions.com.

**PROCESS IMPROVEMENT**

MAXOIL IS A GLOBAL CONSULTANCY WITH A PROVEN TRACK RECORD IN ENHANCING OIL AND GAS PRODUCTION, ASSET AND FIXED OPERATIONAL EFFICIENCY



- Gas Treatment
- Fluids Separation
- Produced Water Management
- Trouble Shooting
- Debottlenecking
- Process Engineering
- Flow Assurance
- Advanced Diagnostics
- Production Chemistry

MATURE ASSET OR NEW DEVELOPMENT -  
PROCESS OPTIMIZATION VIA A HOLISTIC APPROACH

Team of Industry Specialists  
Practical Cost Effective Solutions  
Objective Technical Assessments  
Application of Operational Expertise



contact@maxoilsolutions.com • www.maxoilsolutions.com  
ABERDEEN | LONDON | HOUSTON | STAVANGER | KUALA LUMPUR | PERTH

**"If you think it's expensive to hire a professional... to do the job wait until you hire an amateur."**

- Red Adair



Jordan, Engineer, U.S.A.

**Packers Plus invented the open hole, multi-stage ball drop StackFRAC® system over ten years ago.**

Next time you complete a well, ask yourself if you're really using a Packers Plus system. Contact us today and let us help you maximize your assets.



www.packersplus.com

# 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  $\sim 1/1/1$ , 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 H<sub>2</sub>S 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).

## Event Info

### SPEAKER

*Ramy Mahrous*  
Global Technical Services Engineer  
M-I Swaco

### LOCATION

*Greenspoint Club*  
16925 Northchase Drive  
Houston, TX 77060

### EVENT CONTACT

*Amy Timmons*  
281-799-6032  
[Amy.Timmons@Weatherford.com](mailto:Amy.Timmons@Weatherford.com)

### MEMBERS

\$35

### NON-MEMBERS

\$40



**Compass Directional Guidance, Inc.**  
Manufacturer & Supplier of  
MWD & LWD Systems, Including EM & Resistivity

14427 Interdrive West  
Houston, TX 77032  
832-554-2474  
[www.compass-mwd.com](http://www.compass-mwd.com)





Ready to ship kits, full fleet maintenance & 24/7 support



Parts sales, now made easier via our online store



Shop technician & field operator training, at our facility or yours

Scan the QR code for more information

## Advanced Ceramics Make the Difference




Breakthrough sand control technology



Innovative thrust bearings

(714) 384-9488 [www.petroceram.com](http://www.petroceram.com)



TUES  
November 13

11:30 AM TO 1:00 PM

# 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.

## Event Info

### SPEAKER

Robert Barba,  
Independent Consultant

### LOCATION

Greenspoint Club  
16925 NorthChase Drive  
Houston, TX 77060

### EVENT CONTACT

Sumitra Mukhopadhyay  
281-784-5742  
smukhopadhyay@superiorenergy.com

### MEMBERS

\$35

### NON-MEMBERS

\$40

### Engineers - need technical document development help?

- Drilling & completion programs
- Engineering reports & specifications
- Manuals & instructions
- Printing, binding & publication



## ZAETRIC®

www.zaetric.com  
713-621-4885  
inquiries@zaetric.com

**TIW**  
www.tiwttools.com  
DRILLING AND COMPLETION SOLUTIONS

# 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.

## Event Info

### SPEAKERS

*David Porter*  
Texas Railroad Commissioner

### LOCATION

*Norris Westchase Center*  
9990 Richmond Avenue  
Suite 102  
Houston, TX 77042

### EVENT CONTACT

*Amy Timmons*  
713-836-6563  
amy.timmons@weatherford.com

### MEMBERS

\$35 before 11/13/12, \$40 after

### NON-MEMBERS

\$40 before 11/13/12, \$45 after

**INTEGRATED PRODUCTION SERVICES**



- Coiled Tubing & Nitrogen
- Eline & Slickline
- Snubbing
- Plunger & Gas Lift
- Flowback & Production Testing
- Pressure Testing & Nipple Up-Down

[www.ipsadvantage.com](http://www.ipsadvantage.com)

**NITROGEN ✦ WELL TEST ✦ WIRELINE**

**WELL OPTIMIZATION**

**CONSULTING ✦ FLARESTACK**

**PRODUCTION SERVICES**



**PRIORITY**  
ENERGY SERVICES, LLC

[www.priorityenergylc.com](http://www.priorityenergylc.com)

**877-317-7467**

✦ COMMITTED TO SAFETY ✦

ACTive

IN-WELL LIVE PERFORMANCE



## Precise CT Measurements for Better Decisions, in Real Time

The newest additions to the ACTive\* family of live CT services—ACTive gamma ray modular tool (GR), and ACTive tension and compression modular tool (TC)—helped Saudi Aramco decrease water cut and revive oil production from a dead well.

The packer was accurately placed and strategically set, using real-time measurements, to isolate the water zone through cement squeeze. This revived the well and increased production to 13,500 bbl/d, with 10% water cut on a fully open choke.

Read the full case study at [www.slb.com/ACTive](http://www.slb.com/ACTive).

# Schlumberger

PREMIER INDUSTRY EVENTS DEVOTED TO  
RAPIDLY EMERGING TECHNOLOGY

# FRAC SCHOOL

**Houston, November 12-16**

A state-of-the-art, week-long course on hydraulic fracturing with balanced presentations of the theoretical and the practical.

# SALDS

**Houston, December 5-6**

Subsea & Arctic Leak Detection Symposium addresses the challenges of leak detection and leak detection methods for subsea wells, arctic developments and other critical applications.

Find out more at: [www.petroleumetc.com](http://www.petroleumetc.com)



## Reel Simple

Fiberspar LinePipe™ is the lower cost alternative to welded steel or stick fiberglass for in-field gathering or injection systems. Just unreel it and go.

- » 20% lower total installed costs than welded steel
- » Installs in half the time
- » Fewer people and less equipment means a safer installation
- » No corrosion, ever
- » Field proven: over 15,000 oil and gas wells and 450 North American operators

Reel after reel, you'll reduce installed and operating costs, safety risks and construction time with Fiberspar LinePipe. Call Jim Chartier at 281.797.4166 or email [jchartier@fiberspar.com](mailto:jchartier@fiberspar.com).

**FIBERSPAR**  THE LEADER IN SPOOLABLE PIPELINE SYSTEMS [WWW.FIBERSPAR.COM](http://WWW.FIBERSPAR.COM)

API Q1, ISO 9001:2008, ISO/TS 29001 registered.  
© 2012 Fiberspar Corporation. Fiberspar and LinePipe are marks of Fiberspar Corporation. (FBS1263-1/0812/spegc)



# Closing Generational Gaps

11:30 AM TO 1:00 PM

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

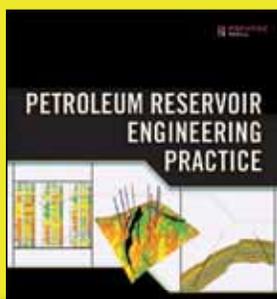
\$35

### NON-MEMBERS

\$40

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

Available from Amazon.com,  
informIT.com, and other  
fine resellers.



PRENTICE  
HALL

informIT.com



## Oilwell Guidance, LLC

14427 Interdrive West, Houston, TX 77032  
832-554-2477 oilwellguidance.com

### MWD & LWD Services & Personnel Mud Pulse, EM & Resistivity Technology



- Proven, reliable Positive Pulse MWD technology, for directional-only or directional + gamma
- Fully-trained on-site support personnel
- Complete fleet maintenance programs with QA systems



# 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.

THUR  
November 15

11:30 AM TO 1:30 PM

## Event Info

### SPEAKER

*Dilhan Ilk*  
*Production Analysis in*  
*the Eagle Ford Shale*

### LOCATION

*Courtyard on St James*  
*1885 Saint James Place*  
*Houston, TX 77056*  
*713-621-0555*

### EVENT CONTACT

*Miles Palke*  
*713-750-5490*  
*miles\_palke@ryderscott.com*

### MEMBERS

\$35

### NON-MEMBERS

\$40

rigadvisor.com (713) 464-2200

## Get Compliant

Implement your SEMS program today with Compliance Manager, part of PPI's cutting-edge, web-accessible PetroPro software suite.

 PPI Quality & Asset Management, LLC 

 STRESS ENGINEERING SERVICES INC. 13800 Westfair East Drive Houston, TX 77041-1101 Phone: 281.955.2900 www.stress.com

## Engineering Problem Solvers



DESIGN • ANALYSIS • TESTING

# 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.

## Event Info

### SPEAKER

*Curtis Blount*  
ConocoPhillips

### LOCATION

*Norris Center*  
9990 Richmond Ave.  
South Bldg. Suite 102

### EVENT CONTACT

*Alex McCoy*  
713-366-5653  
alexander\_mccoy@oxy.com

### MEMBERS

\$40

### NON-MEMBERS

\$40

**DIRECTIONAL  
AND  
HORIZONTAL  
DRILLING  
SPECIALISTS**



WWW.NOVADIRECTIONAL.COM



NEAL ADAMS

**Neal Adams Services**  
A Proud Tradition of Well Control Excellence

---

**Neal Adams**  
*PhD, P.E.*

Professional Services  
Well Control Advisory Services, Relief Wells, Capping,  
Contingency Planning, Safety

16434 De Lozier Street      Tel: 713-849-4323  
Houston, Texas 77040      Fax: 713-849-1943  
E-mail: nealadams@comcast.net      Cell: 713-817-6013



**Even the best equipment can't do it alone.**

Hunting's reputation for excellence in well construction technology is just part of the picture. From tubular goods and connection technologies to mud motors, everything we manufacture is made better by the most respected engineers in the business, and our 24/7 support, repair and testing across North America, Europe, Asia and the Middle East. Optimize your drilling investment with Hunting.

To learn more, visit [www.huntingplc.com](http://www.huntingplc.com)



© 2011 Hunting (HOS1125/0511/spegcs)

**MOST VERSATILE PIPELINE**

Proudly modernizing pipelines. Again.

**FLEXPIPE SYSTEMS**  
A SHAWCOR COMPANY

[www.flexpipesystems.com](http://www.flexpipesystems.com)  
[www.shawcor.com](http://www.shawcor.com)

**Vibration Technology, Inc.**  
Workover □ Completions □ Drilling

Leading the industry in stuck pipe recovery.

Shreveport □ New Iberia □ Houston

For more information, log on to:  
[vibrationtechnology.com](http://vibrationtechnology.com)

**INNOVATIVE TECHNOLOGY FOR REMOVING STUCK TUBULARS**

**gyro/data**

- » High Accuracy Gyro Wellbore Surveying and Guidance
- » Rotary Steerable Automated Drilling Systems
- » Monitor SWD™: Survey While Drilling (Inc, Az, TF)
- » Mud Motor Services and Rentals

Gulf Coast Sales and Operations 24 hour contact  
**(281) 213-6300 / (832) 667-9450**  
or see <http://www.gyrodata.com/>

**Control With Confidence**

**Engineered Prevention, Response & Results**

Whether onshore, offshore or underground, Cudd Well Control has complete solutions for well planning and intervention. As a Qualified Third Party, we provide the necessary oversight to help you meet NTL-05 and NTL-06 requirements. Our team of engineering experts will assist you with a wide range of services, from rig inspections and blowout contingency planning, to specialized training and modeling. With a proven track record of success confronting blowouts and problem wells in any environment, Cudd Well Control is the preferred choice.

**Well Control Services:**

- Oil Well Firefighters and Blowout Specialists
- Well Control & Kick Resolution
- Underground Blowouts
- Dry Ice/Cryogenic Freeze Services
- Hot Tap and Valve Drilling Services
- Engineering Services
- Rig Inspections
- Drilling Plan Enhancements
- Blowout Contingency Planning
- Specialized Training
- Relief Wells
- Kick Modeling
- Gas Dispersion Modeling
- BOEMRE Compliance

[www.cuddwellcontrol.com](http://www.cuddwellcontrol.com) • +1.713.849.2769

**Innovative Proppant Technology**

**OilPlus PROPPANTS**

New OilPlus™ Proppants Provide Enhanced Oil Recovery for Your Well.

E-mail us at [info@momentive.com](mailto:info@momentive.com)

**MOMENTIVE**

# Society of Petroleum Engineers 2<sup>ND</sup> 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.*

## SPONSORSHIP LEVELS

**Platinum Sponsor \$5,000**

*(Includes two 4-person team entries)*

**Gold Sponsor \$3,000**

*(Includes one 4-person team entry)*

**Beverage Sponsor \$1,500**

*(Single entry into golf tournament)*

**Silver Sponsor \$1,000**

*(Single entry into golf tournament)*

**Hole Sponsor \$500**

*(Signage for Long Drive, Closest to Pin, etc.)*

**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:

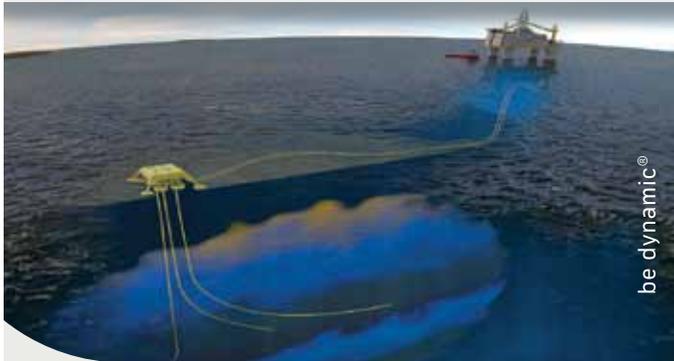
*Mikhail Alekseenko  
malekseenko@uh.edu  
713-922-7195*

### GENERAL INFO

*Evan Norcom  
egnorcom@uh.edu  
281-615-8803*



Visit us at **Deepwater Operations** November 6-8 Booth 419



*The future of e-Field dynamic production management*

A cost effective solution based on efficient use of state-of-the-art technology and available knowledge in remote e-Field operations

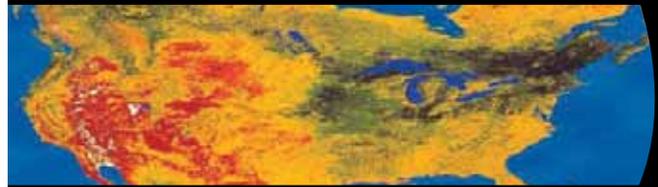
- *Optimise production*
- *Avoid critical disruptions*
- *Support remote operations*
- *Taking flow assurance to operations*



[www.sptgroup.com](http://www.sptgroup.com)

**PHDWIN™**

Integrated Economics & Decline Curve Software



**EVEN MORE POWERFUL WITH**

**PHDRMS™**

- Intuitive Interface**
- Affordably Priced**
- 60-Day Money-back Guarantee**

Schedule an **online presentation TODAY!**

**POWERFUL FLEXIBLE SECURE**

TRC CONSULTANTS, LC  
888.248.8062 | [www.phdwin.com](http://www.phdwin.com)

STIMULATION MONITORING

To get the most out of every frac, real-time near- and far-field monitoring is a winning combination.



In unconventional plays, you're challenged by how to make more oil or gas while reducing costs and meeting environmental parameters. Halliburton has the solution: distributed temperature sensing—used in conjunction with microseismic fracture mapping—that gives operators the ability to make adjustments during a treatment to help assure every planned zone is treated.

What's *your* stimulation monitoring challenge?  
For solutions, visit [www.pinntech.com](http://www.pinntech.com)

**Solving challenges.™**



© 2012 Halliburton. All rights reserved.

# 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

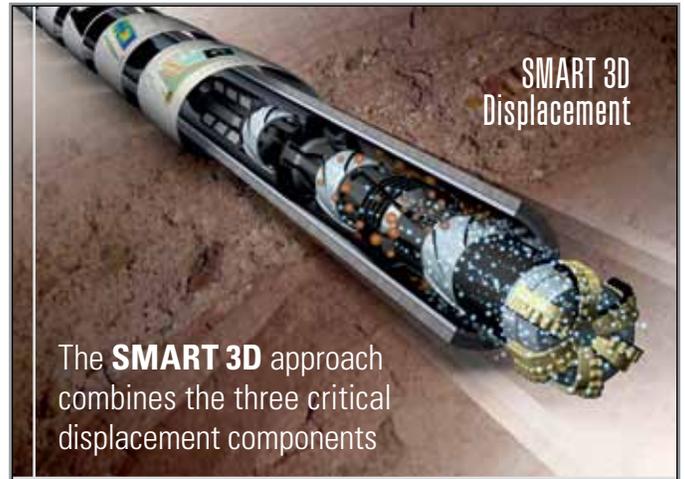
Barbara Burnside

## HOSTESS

Carol Ann Gold

## MORE INFO

Martha Lou Broussard  
713-665-4428



SMART 3D  
Displacement

The **SMART 3D** approach combines the three critical displacement components

### Integrating mechanics, chemistry and hydraulics for a new dimension in displacement expertise

The SMART 3D<sup>®</sup> strategy provides a single-source, integrated package of displacement services, including the latest generation of chemical, mechanical and hydraulic technologies to promote the efficient, effective delivery of a properly prepared wellbore.

**Mi SWACO**

A Schlumberger Company

[www.miswaco.slb.com](http://www.miswaco.slb.com)

\*Mark of M-I LLC



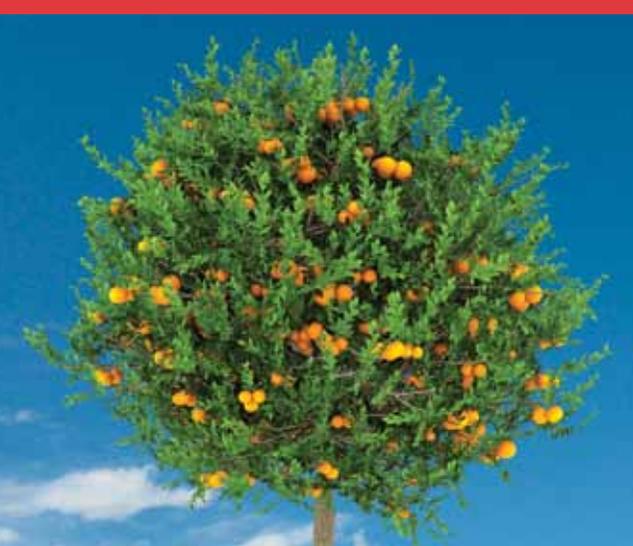
## A FULL SERVICE WELL TESTING COMPANY

- . Well Testing Services
- . Frac Flow Back and Well Clean-up
- . Drill Stem Testing (DST)
- . Perforating Services
- . Subsea Intervention/Landing String Assemblies
- . Pipe Line Services
- . Wireline
- . Water Treatment

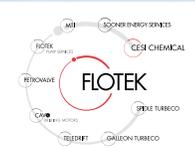


[www.pts-technology.com](http://www.pts-technology.com)  
281-498-7399

## SAVING THE PLANET, ONE FRAC AT A TIME



Our latest citrus-based hydraulic fracturing chemicals will revolutionize the way the world thinks about fracturing and will improve your production.



For more information contact  
[cesimkt@flotekind.com](mailto:cesimkt@flotekind.com)  
or call  
832-308-CESI (2374)

# DISTINGUISHED LECTURER PROGRAM: A Methodology to Design Exploratory Wells

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.

THURS  
November 8

11:30 AM TO 1:00 PM

### SPEAKER

*Dr. Luiz Alberto Santos Rocha*  
Senior Advisor, Petrobras

### LOCATION

*Rice Hotel, Crystal Ballroom*  
909 Texas Avenue  
Houston, TX 77002

### CONTACT

*Pavitra Timbalia*  
504-717-3804  
pavitra.a.timbalia@exxonmobil.com

### MEMBERS

*\$35 before 11/8/12, \$45 after*

### NON-MEMBERS

*\$40 before 11/8/12, \$50 after*



**Leaders in unmanned MWD technology**  
Survey While Drilling for wireline gyro replacement  
High Temp 185°C MWD with Gamma  
Houston – Lafayette – Permian Basin – Denver  
[www.navigateenergy.com](http://www.navigateenergy.com)  
832.300.0030  
info@navigateenergy.com

## Integrated Energy Services, Inc.

**Robert Barba**  
Petrophysicist

Log Analysis  
Completion Optimization

500 N. Capital of TX Hwy  
Building 4-150  
Austin, TX 78746  
C: (713) 823-8602  
F: (713) 583-9400  
RBarba75@gmail.com

[www.integrated-energy-services.com](http://www.integrated-energy-services.com)

WED  
November 14

5:30 PM TO 7:30 PM

## 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.

SAT  
November 17

9:00 AM TO 12:00 PM

## 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.

lemonadeday.org

Realize your potential.



NExT is a mark of Schlumberger.  
© 2012 Schlumberger. 12-DC-0062

NExT, a Schlumberger company, helps you hone your E&P skills with more than 340 technical and software courses in subjects spanning exploration to production.

With hands-on instruction and mentoring, at a Schlumberger training facility or on the job, NExT can help you realize your full potential.

To view our full list of courses and to enroll, visit  
[www.NExTtraining.net](http://www.NExTtraining.net)

**NExT**  
A Schlumberger Company

**FMC** Technologies

More  
uptime.  
More fracturing.



We put you first.  
And keep you ahead.

[www.fmctechnologies.com](http://www.fmctechnologies.com)



**Waterflood**

**Commissioning & Startup**

**Materials & Corrosion**

**Chemical Systems Engineering**

**Flow Assurance**

**GATE**  
GIBSON APPLIED TECHNOLOGY & ENGINEERING LLC

16360 Park Ten Place  
Suite 206  
Houston, TX 77084  
P (281) 398-5781  
F (281) 398-0935  
[www.gatellc.com](http://www.gatellc.com)

# GAS MIGRATION?

Control it with TAM  
Casing Annulus Packers and Port Collars.

Annular gas migration can involve substantial expense and risk. Installing a TAM Casing Annulus Packer (TAMCAP™) and Port Collar in your casing string provides an economical and reliable means of sealing the annulus for stage cementing.

TAMCAP Inflatable Packers and Port Collars were installed on more than 200 wells last year.

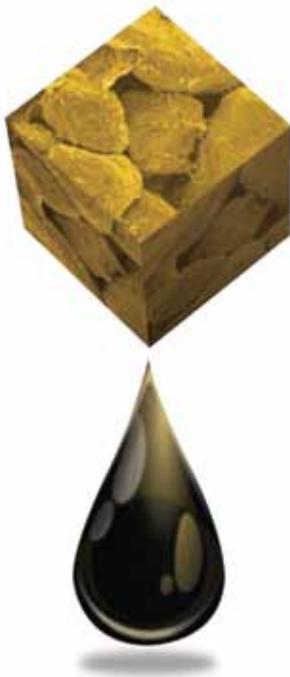
Contact TAM to see how TAM Casing Annulus Packers and Port Collars can solve your gas migration problems or visit us at [www.tamintl.com](http://www.tamintl.com).

**PRACTICAL, EFFECTIVE SOLUTIONS**  
USING TAM INFLATABLE PACKER TECHNOLOGY




**TAM INTERNATIONAL**  
Inflatable and Swellable Packers

**SAND CONTROL**



## What is sand control **reliability** worth?

For operators, it's economically remediating formation sand production.

**Operator Challenge**

An operator in the Gulf of Mexico needed to stop formation sand production through a damaged prepacked screen-wrapped sliding sleeve.

**Halliburton Solution**

Apply SandTrap® ABC service, the industry's only aqueous-based resin consolidation system, via a simple bullhead treatment.

**Operator Benefit**

The new SandTrap ABC service:

- Helps prevent sand production— even under extreme conditions
- Can be foamed for treating longer intervals
- Has less hydrocarbon-based components, which makes it safer and easier to use than solvent-based resin systems

**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](http://halliburton.com/SandTrapABC), or e-mail us at [sandcontrol@halliburton.com](mailto:sandcontrol@halliburton.com)

**HALLIBURTON**

FALL 2012/  
SPRING 2013

## 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.

# Year Round

## 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*

# 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 needs 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, 713-366-5653, Alexander\_mccoy@oxy.com

### DIGITAL ENERGY CONTACT

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

# SPE GULF COAST SECTION DIRECTORY

*Your guide to your organization leaders*

## Officers

### CHAIR

Steve Baumgartner, Marathon Oil Corp.  
281-435-0264  
sbaumgartner@marathonoil.com

### VICE-CHAIR

Mike Strathman, The Trinity Group, Inc.  
713-614-6227  
mike-strathman@att.net

### SECRETARY

Lucy King, Kinder Morgan CO<sub>2</sub> Company  
713-369-9017  
lucy\_king@kindermorgan.com

### TREASURER

John Medler, IndigoPool (SLB)  
713-381-8723  
jmedler@slb.com

### VICE-TREASURER

Robert Bruant, Jr., BP America, Inc.  
281-366-2157  
Robert.Bruant@bp.com

### CAREER MANAGEMENT

David Flores, Lucas Energy, Inc.  
713-528-1881  
dflores@lucasenergy.com

### COMMUNICATIONS

Valerie Martone, Anadarko  
832-636-3196  
valerie.martone@anadarko.com

### COMMUNITY SERVICES

Xuan (Sun) VandeBerg Harris, Consultant  
832-444-5143  
xuan.harris@gmail.com

### EDUCATION

Gabrielle Guerre, RyderScott  
713-750-5491  
gabrielle\_guerre@ryderscott.com

### MEMBERSHIP

Jeanne Perdue, Occidental Oil and Gas  
713-215-7348  
jeanne\_perdue@oxy.com

### PAST CHAIR

Hiep Vu, Kosmos Energy  
214-593-5095  
hvu@kosmosenergy.com

### PROGRAMS

David Tumino, Murphy Oil  
281-717-5123  
dtumino@hal-pc.org

### SOCIAL ACTIVITIES

Scott McLean, Express Energy Services  
281-772-4927  
smclean@eeslp.com

### TECHNOLOGY TRANSFER

Russ Neuschaefer, Schlumberger  
281-285-1775  
rneuschaefer@slb.com

### YOUNG PROFESSIONALS

Sandeep Pedam, ConocoPhillips  
713-591-5738  
sandeep.pedam@conocophillips.com

### DIRECTOR 2012-14

Alex McCoy, Occidental Oil and Gas  
713-366-5653  
alexander\_mccoy@oxy.com

### Kevin Renfro, Anadarko

832-636-8613  
kevin.renfro@anadarko.com

### Wolfgang Deeg, Shell

281-544-8279  
wjfdeeg@spemail.org

### DIRECTOR 2011-13

Jeff Whittaker, Welltec  
281-398-9355  
jwhittaker@welltec.com

### Marise Mikulis, Baker Hughes, Inc.

281-275-7288  
marise.mikulis@bakerhughes.com

### Steve Turk, Weatherford

281-260-1300  
stephen.turk@weatherford.com

### SPE GULF COAST NORTH AMERICA REGIONAL DIRECTOR

Bryant Mueller, Aclaro Softworks, Inc  
713-781-2000 x 300  
bryant.mueller@aclaro.com

## Committee Chairs

### AWARDS

James Rodgerson, BP  
281-221-4085  
james.rodgerson@bp.com

### CONTINUING EDUCATION

Dorian Hicks, Rice University  
713-444-3230  
dth1@rice.edu

### ESP WORKSHOP

John Patterson, ConocoPhillips  
281-221-5298  
john.c.patterson@conocophillips.com

### GOLF

Cameron Conway, KB Machine  
281-217-0660  
Cconway@kb-machine.com

### INTERNSHIPS

Gabrielle Guerre, Ryder Scott  
713-750-5491  
gabrielle\_guerre@ryderscott.com

### MAGIC SUITCASE

Sean K. O'Brien, Chevron  
832-854-3660  
sean.obrien@chevron.com

### NEWSLETTER

Kim Tran, Energy XXI  
713-826-7492  
editor@spegcs.org

### SCHOLARSHIP

Tanhee Galindo, BASF  
713-428-4919  
tanhee.galindo@basf.com

### SPORTING CLAYS

Tim Riggs, Orange Directional  
713-201-4290  
triggs@orangedirectional.com

### TENNIS

Jim Sheridan, Baker Hughes  
281-432-9292  
jim.sheridan@bakerhughes.com

### WEB TECHNOLOGY

Subash Kannan, Anadarko  
713-385-7242  
subash\_kannan@yahoo.com

### SECTION MANAGER

Kathy MacLennan, SPE-GCS  
713-779-9595 x 813  
kmaclennan@spe.org

# Study Group Chairs

## BUSINESS DEVELOPMENT

Chris Atherton, EnergyNet.com  
713-861-1866  
chris.atherton@energynet.com

## COMPLETIONS & PRODUCTION

Mark Chapman, CARBO Ceramics  
281-921-6522  
mark.chapman@carboceramics.com

## DIGITAL ENERGY

Carol Piovesan, APO Offshore  
949-232-6353  
cpiovesan@apooffshore.com

## DRILLING

Joe Tison, Greene Tweed  
281-784-7805  
wtison@gtweed.com

## GENERAL MEETING

James Maffione, Decision Strategies  
713-465-1110  
jmaffione@decisionstrategies.com

## HEALTH, SAFETY & ENVIRONMENT

Trey Shaffer, ERM  
281-600-1016  
trey.shaffer@erm.com

## INTERNATIONAL

Michael Cherif, ExxonMobil  
713-656-7303  
michael.h.cherif@exxonmobil.com

## NORTHSIDE

Naval Goel  
650-307-7267  
navalgoel@hotmail.com

## PERMIAN BASIN

Dan Tobin, ConocoPhillips  
832-486-2924  
Dan.C.Tobin@conocophillips.com

## PETRO-TECH

Marci Nickerson, Quantum Resources  
713-634-4715  
mnickerson@qracq.com

## PROJECTS, FACILITIES, CONSTR.

Bill Kinney, Technip  
281-249-2799  
wkinney@technip.com

## RESERVOIR

Jose Villa, Shell  
281-544-2612  
j.villa@shell.com

## WATER & WASTE MANAGEMENT

Joseph Kilchrist, Ziff Energy  
713-985-5185  
joseph.kilchrist@ziffenergy.com

## WESTSIDE

Alex McCoy, Occidental Oil & Gas  
713-366-5653  
alexander\_mccoy@oxy.com

# 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.

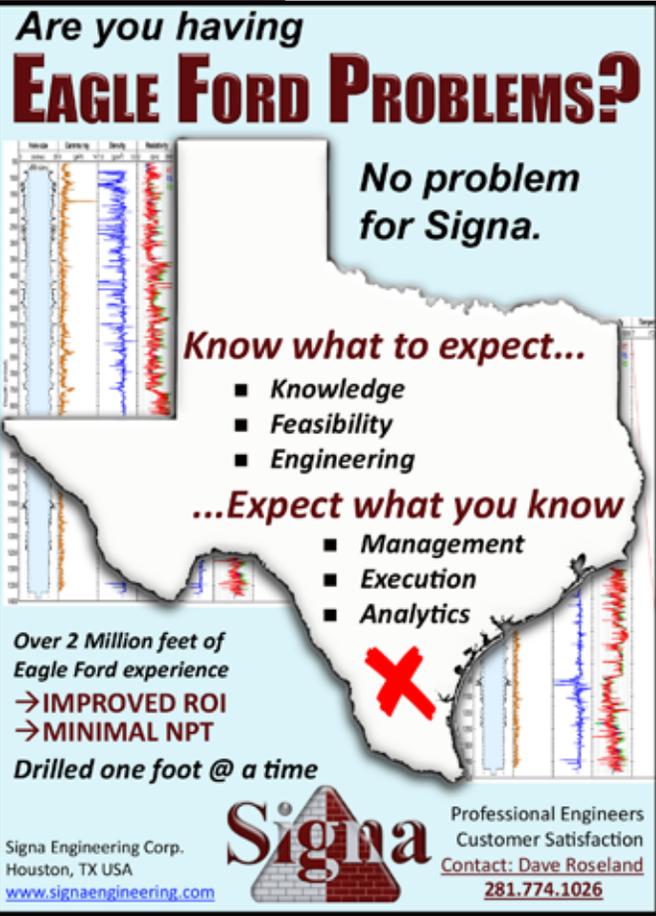
• Walk-ins will be charged extra.

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.

## Change of Address

If you would like to report a change of address please contact:  
Society of Petroleum Engineers  
Member Services Dept.  
P.O. Box 833836  
Richardson, Texas 75083-3836  
1.800.456.6863  
service@spe.org

**Are you having**  
**EAGLE FORD PROBLEMS?**



**No problem for Signa.**

**Know what to expect...**

- Knowledge
- Feasibility
- Engineering

**...Expect what you know**

- Management
- Execution
- Analytics

Over 2 Million feet of Eagle Ford experience  
 → IMPROVED ROI  
 → MINIMAL NPT  
 Drilled one foot @ a time

**Signa** Professional Engineers  
 Customer Satisfaction  
 Contact: Dave Roseland  
 281.774.1026

Signa Engineering Corp.  
 Houston, TX USA  
[www.signaengineering.com](http://www.signaengineering.com)



NON-PROFIT ORGANIZATION  
 U.S. POSTAGE PAID  
 PERMIT NO. 6476  
 HOUSTON, TX

SOCIETY OF PETROLEUM ENGINEERS  
 GULF COAST SECTION

10777 Westheimer Road  
 Suite 1075  
 Houston, TX 77042

# CALENDAR

November 2012

| Sunday | Monday | Tuesday  | Wednesday                       | Thursday                               | Friday          | Saturday            |
|--------|--------|--|---------------------------------|--|-----------------|---------------------|
|        |        |  |                                 |  | 1               | 2                   |
|        |        |  | Student Golf Tournament         | General Meeting<br>Young Professionals | Auxiliary Event | 3                   |
| 4      | 5      | 6  | 7                               | 8                                      | 9               | 10                  |
|        |        | Digital Energy<br>Northside<br>Permian Basin<br>Westside | Drilling<br>Young Professionals | Research & Development<br>Reservoir    |                 | Young Professionals |
| 11     | 12     | 13   | 14                              | 15                                     | 16              | 17                  |
| 18     | 19     | 20   | 21                              | 22                                     | 23              | 24                  |
|        |        | Projects, Facilities,<br>& Construction                  |                                 |  |                 |                     |
| 25     | 26     | 27   | 28                              | 29                                     | 30              |                     |