



Gulf Coast Section

AUGUST  
2012

# CONNECT

SPE GULF COAST SECTION NEWSLETTER

BOARD OF DIRECTORS

## 2012-2013 KICKOFF SPE GULF COAST SECTION

P. 10

### COMMUNITY SERVICE PROGRAMS

*Energy Day & Rebuild Together Houston*

### YOUNG PROFESSIONALS COMMITTEE

*Call for Volunteers*

### Teach an Apprenticeship

*Citizen Schools*

Welcome  
to the New  
SPE-GCS  
Connect

P. 4

SPEGCS.ORG

# CHAIRMAN'S CORNER

STEVE BAUMGARTNER  
2012-2013 SPE-GCS Chair



It is a privilege and a great honor to serve as your chairman of the Gulf Coast Section. As we begin the 2012-2013 program year, a special thank you goes out to our outgoing officers, directors and committee chairs: Hiep Vu (Chairman), Mark Peavy (Past-Chairman), David Tumino (Treasurer), Chris Reinsvold (Director-At-Large), Kim Tran (Director-At-Large), Andrea Hersey (Young Professionals) and Rey Saludaes (Education Coordinator).

We hope you enjoy the new layout of the SPE-GCS Newsletter. Kim Tran (Newsletter) leads the effort to bring a fresh look to our newsletter. The SPE-GCS web site is also undergoing an update and renovation. Valerie Martone (Communications) interfaces with our webmaster team to implement our new website.

Welcome to our incoming officers: Mike Strathman (Vice-Chairman), Rob Bruant (Vice-Treasurer), Lucy King (Secretary), Sandeep Pdam (Young Professionals) and Gabrielle Guerre (Education Coordinator). Welcome to new board members: Wolfgang Deeg (Director-At-Large), Alex McCoy (Director-At-Large) and Kevin Renfro (Director-At-Large).

I am grateful for all that the Society of Petroleum Engineers continues to offer to its members, to the energy industry and to society. Our success depends on the creativity and dedication of members who are proud to belong to the Society of Petroleum Engineers and who are eager to enhance its offerings and accomplishments. SPE offers you professional opportunities, support, and assistance and you, in turn, can participate in serving SPE-GCS and its mission:

“Providing forums that afford members the opportunity to upgrade and maintain professional competence. Providing social interaction that increases member participation in Section activities as a whole, while striving to maintain the integrity of the Section. Supporting programs in area primary and secondary schools to encourage students to develop their abilities in mathematics, science and engineering. Supporting engineering programs at the university level. Enhancing the image of Oil and Gas industry by sponsoring community service programs.”

In the 2011-2012 program year, our section conducted over 100 technical events and awarded scholarships to more than 75 students. Community service programs contributed over 400 section volunteer hours on more than a dozen projects. I call on you to actively participate in our section committee activities, study group programs and community activities. The SPE-GCS Kick-Off meeting will open the 2012-2013 program year on Friday, August 17 at 1:00 PM. Join us at the Kick-Off meeting for a great opportunity to actively participate in SPE-GCS programs and activities.

## CONNECT

Information

### Newsletter Committee

CHAIRMAN *Kim Tran*  
SALES *Pat Stone*  
BOARD LIAISON *Valerie Martone*  
EDITOR/DESIGN *Deuce Creative*  
*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*

GCS Administrative Assistant  
*Sharon Harris*  
*sharris@spe.org*

Webmaster  
*Jonti Bolles*  
*webmaster@spegcs.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*

### 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

August 2012



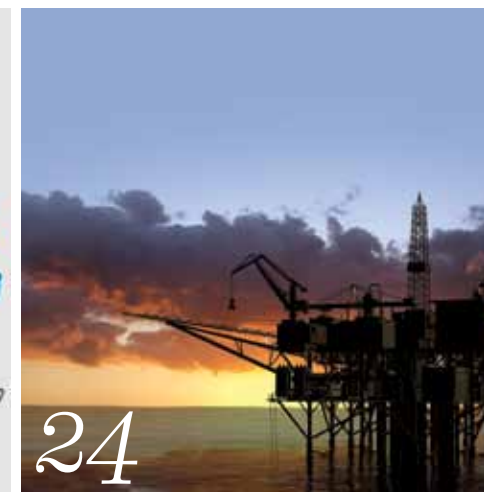
14

SPE GCS BOARD OF DIRECTORS MEETING  
Thursday, August 9th



22

TEACH AN APPRENTICESHIP  
Citizen Teachers are volunteers who teach middle-school students in low-income communities new skills and expose them to new futures



24

DEEPWATER TECHNICAL SYMPOSIUM  
The 16th Annual Gulf of Mexico Deepwater Technical Symposium presented by the SPE-Delta Section

## STUDY GROUPS

8  
STAGING STRATEGIES FOR IMPROVING SRV DISTRIBUTION IN THE EAGLE FORD SHALE  
This talk will discuss how to determine if your fracture is becoming complex or not and how to encourage complexity

11  
EXPANDING FACILITIES KNOWLEDGE SESSION 5 SAFETY ASPECTS OF PRODUCTION FACILITY DESIGN  
Part 5 of the 5 part Expanding Facilities Knowledge series

12  
BSEE'S VIEW OF CURRENT OFFSHORE REGULATIONS AND ENFORCEMENT PRACTICES  
Speaker: Doug Morris

## COMMITTEES

14  
2012-2013 KICKOFF SPE GULF COAST SECTION  
SPE Gulf Coast Section Kickoff meeting will be held on Friday, August 17, 2012 at the Hilton Houston Westchase

16  
YOUNG PROFESSIONALS COMMITTEE 2012-2013  
Young Professional (YP) committee members are a diverse set of selflessly motivated and talented individuals that represent the largest body of SPE YPs worldwide

18  
COMMUNITY SERVICE PROGRAMS  
HCC Chancellor's Symposium on Engineering Rebuild Together Houston  
Energy Day

20  
COMMUNITY SERVICE PROGRAMS  
High School Recruiting Career Fairs  
Energy4Me Classroom Presentations

IN EVERY ISSUE  
7  
SPE-GCS MEMBERSHIP REPORT  
May 2012

7/21  
VOLUNTEER SPOTLIGHT  
Jack Courtney & Fred Newbold

26  
SPE GULF COAST SECTION DIRECTORY  
Your guide to your organization leaders

# WELCOME TO THE NEW SPE-GCS CONNECT

As the 2012-2013 Chair of the Newsletter Committee, I'd like to introduce you all to the newly designed SPE-GCS monthly newsletter, called "Connect". We've been working hard towards bringing our section a fresh look to the newsletter over the past couple of years and we hope that you will enjoy the new look and layout that has been put together by Deuce Creative.

Aside from the vibrant colors, you will notice that we have added things like a table of contents, pages designed by type of information such as committee event, study group or special feature, more photographs and a name - the *Connect*. In the redesign of the monthly newsletter, one of the things we wanted to do was brand the newsletter with a name. While many names came up, two stood out the most - the first being Exchange and the second being Connect. The newsletter serves so many purposes for our organization. We use it as a means to exchange information about our events and our membership, and we also use it as a means to connect information and members to each other. How many of us flip through our monthly newsletter to find out what's happening later this month? How many of us read through Buddy Woodroof's *Then & Now* column for tidbits we never knew about our industry or try to answer his quiz each month for a prize? It just seems so fitting that in rebranding the newsletter, we find a new name for it and SPE-GCS *Connect* just seems to fit its purpose.

As we continue publishing issues, I encourage you all to participate in our photo submission contest. We are looking for photos to feature on our cover. The next time you're out on location or some interesting place in the world, take some photos and send them in! Who knows - you could win a prize and your photo could be featured on our cover.

In a time where technology changes so quickly and information passes between people in seconds, I'd like to think that all of us in the Gulf Coast Section, even the young professionals, still flip through our monthly newsletter and it's my honor to lead the Newsletter Committee this year. I hope you all will enjoy the new look. **So, have you gotten your *Connect* this month?**

**KIM TRAN**  
2012-2013 Newsletter Chairperson

**Pegasus Vertex, Inc.**  
Drilling Software  
Sophisticated yet Simple  
713-981-5558  
sales@pvicom.com  
www.pvicom.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

**maxoil**  
PROCESS SOLUTIONS

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

**FALCON TECHNOLOGIES**

engineered to protect™

your investment the environment your reputation

**Advanced engineering applied to spill prevention, cost containment and risk reduction.**

- Secondary containment
- Tank liners
- Tank bases
- Location liners
- Water impoundment

falcontsi.com/SPEGCS  
Call +1-281-921-6690

©2012 Falcon Technologies and Services, Inc. A CARBO Company

**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

INNOVATIVE TECHNOLOGY FOR REMOVING STUCK TUBULARS

**VIKING ENGINEERING, L.C.**

CRITICAL WELL ENGINEERING CONSULTING SERVICES

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

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  
OR CALL: (281) 870-8455 IN HOUSTON

Francisco, District Manager, US Operations

## Maximize Your Assets

Are your completions giving you reliable, repeatable results?

Packers Plus' patented open hole, multi-stage systems allow us to complete well after well with proven performance. As the industry leader with a global track record of innovation and operational excellence, we will help you make better wells in any environment and any formation.

To view the video, download a QR reader app for your smartphone and scan.

**Packers Plus** Do It Once Do It Right

www.packersplus.com

Measured Solutions from The Completion Diagnostics Company

## Fracture cleanup?

With ProTechnics patented chemical analysis you can directly measure:

- Frac fluid cleanup/flowback efficiency
- Frac fluid cleanup mechanisms
- Flow through bridge plug assurance
- Breaker efficiency
- Ion Analysis

SPECTRACHEM™

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

www.corelab.com/protechnics 713-328-2320

**Core Lab**  
RESERVOIR OPTIMIZATION

**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**

**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/>

**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)

**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**

DRILL BENCH OLGA WELLFLO

Thermal Transients Liquid Loading Artificial Lift Cross Flow

Slugging & Surges Reservoir Interaction Liquid Accumulation Stagnant Mud

MEPO OLGA for Wells FORGAS

**Shale Gas - time to maximize**

SPT Group is a leader in dynamic modeling for the oil and gas industry providing a combination of software and consulting services within multiphase flow and reservoir engineering. We have one of the world's leading dedicated consulting teams working with multiple flow technology. We work with the top energy corporations and oil and gas service companies to locally deliver specialist consulting and training services.

To learn more about the value we offer please visit our website [www.sptgroup.com](http://www.sptgroup.com)

**SPT GROUP**  
A Schlumberger Company

be dynamic®

**Magnified Data Quality**

**That is TGS' Focus**

TGS closely examines and processes well data for standardization and quality assurance, backed by a focused customer support team.

- Nationwide US Production Data
- Complete Curve Digital Well Logs
- Spatially Accurate Directional Surveys

For more information contact TGS at:  
Tel: +1 888 564 5463  
Email: [WellData@tgsnopec.com](mailto:WellData@tgsnopec.com)  
Web: [www.tgsnopec.com/welldata](http://www.tgsnopec.com/welldata)

**TGS** See the energy.

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

SPE-GCS  
**MEMBERSHIP REPORT**  
May 2012

	MAY		APRIL	
	Total	YP	Total	YP
<b>SPE-GCS Members</b>	<b>14,406</b>	<b>2,537</b>	<b>13,920</b>	<b>2,771</b>
New Members	170	74	106	54
Reinstated Members	N/A	N/A	19	3
Transferred to Section	46	N/A	N/A	N/A
Transferred Elsewhere	25	N/A	N/A	N/A
Unpaid	2,297	833	2,514	876
<b>Student Members</b>	<b>Paid</b>	<b>Unpaid</b>	<b>Paid</b>	<b>Unpaid</b>
Texas A&M	650	156	622	174
UH/Rice	220	69	202	68
HCC	35	15	29	15
Unassigned	2	0	1	0
<b>Total</b>	<b>907</b>	<b>240</b>	<b>854</b>	<b>257</b>
<b>Total Paid/Unpaid</b>	<b>14,406</b>	<b>2,537</b>	<b>13,920</b>	<b>2,771</b>
<b>% Paid</b>	<b>85.0%</b>		<b>83.4%</b>	



**VOLUNTEER SPOTLIGHT**  
*Jack Courtney*

An SPE Legion of Honor member (50 years of SPE membership!), Jack Courtney received the 2012 Gulf Coast Regional Service Award in June. Jack also keeps in touch with ConocoPhillips retirees (lovingly called ex-Cons) through his leadership of the ConocoPhillips Houston Area Retiree Association, or CHARA, which meets at a restaurant monthly.

Jack got involved in the student chapter of AIME when he was at Texas A&M, where he earned his BS in petroleum engineering in 1955. He joined Magnolia Petroleum (before Mobil bought them), and worked in West Texas out of Midland. He then worked at The Analysts, who did cutting-edge pore pressure detection using early computers. When that company was bought by Schlumberger, Jack decided to finish out his career at a major, so in 1974, he joined Conoco as a production engineering consultant, and retired before the Phillips merger.

Jack said he "saw the world on Conoco's dime," traveling to Singapore, Scotland, Taiwan, Dubai, Lake Charles, Houston, Bergen, Gabon and back to Houston. Active in SPE in all those places, Jack made sure to attend SPE meetings. He used to serve as an OTC student tour guide for several years and served on the SPE Annual Meeting committee in 1992. He retired in 1994, but he lives close to Westlake and finds the Westside Study Group a great source of networking, camaraderie and electronic resources of value to him as SPE member, so he is happy to work the tables and greet people.

"Shale was a bad thing in my day," he remarked. The next time you see Jack, ask him about when he was in Gabon and there was an uprising, and they had to send the French Foreign Legion to evacuate the SPE Distinguished Lecturer to an offshore Shell platform! *Continued on page 21*

STUDY GROUP COMPLETIONS & PRODUCTION

# Staging Strategies for Improving SRV Distribution in the Eagle Ford Shale

This talk will discuss how to determine if your fracture is becoming complex or not and how to encourage complexity. It includes a review of the completion toolbox and what can be used to change the treatment scheme. Lastly, results utilizing this process will be reviewed.

## Lyle V. Lehman

Lyle Lehman has been principally involved in tight gas stimulation throughout his 35+ year career which has taken him from West Texas to the U.S. Mid-Continent and Latin America. Lyle has written more than 12 papers on various aspects of stimulation including rock mechanics, frac fluids, conductivity and economics surrounding decision making in stimulation design and field

development. Lyle has six patents with several patents pending all in the area of stimulation. He has principally worked as a consultant throughout his career but was the product manager for stimulation for Halliburton and was drilling and completions practice manager for Landmark. Lyle earned a BS in chemistry (qualified program) from the University of Oklahoma. He is currently involved in managing projects and business development for StrataGen.

## Event Info

**SPEAKER**  
Lyle V. Lehman  
Principal Project Manager  
and Special Projects,  
StrataGen Engineering

**LOCATION**  
Greenspoint Club  
16925 Northchase Dr  
Houston, TX 77060

**COST**  
\$35 per member  
\$40 for non-members

**REGISTRATION**  
Registration deadline is  
Tuesday August, 21st  
at 12:00 PM

**EVENT CONTACT**  
Mark Chapman  
281-921-6400  
mark.chapman@carboceramics.com

STUDY GROUP WESTSIDE & PERMIAN BASIN

# Save The Date

*SPE-GCS Westside Study Group & Permian Basin Study Group are Moving September 2012!*

**NEW LOCATION: NORRIS WESTCHASE**

9990 Richmond Avenue  
Houston, TX  
<http://norriscenters.com/norris-conference-centers-houston/westchase/>

**DATE**  
Westside: September 19  
Permian Basin: September 18

**CONTACT**  
Please contact Fred Newbold with any questions: [fnewby@peoplepc.com](mailto:fnewby@peoplepc.com)

THURS  
August 23

11:30 AM TO 1:00 PM  
LUNCHEON

**1 SOURCE**

**FOR TOTAL WATER MANAGEMENT**

TO CREATE ENERGY IT TAKES ENERGY. It takes manpower, experience and most importantly hard work. That's where we come in. We are Select Energy Services, an industry leader in comprehensive oilfield services. From total water management solutions to wellbore support services, our teams of experienced employees deliver the critical support that our clients need to make their oilfield operations successful, efficient and safe—all from one source.

**SELECT ENERGY SERVICES**  
[www.selectenergyservices.com](http://www.selectenergyservices.com)

**NITROGEN ✦ WELL TEST ✦ WIRELINE  
WELL OPTIMIZATION  
CONSULTING ✦ FLARESTACK  
PRODUCTION SERVICES**

**PRIORITY ENERGY SERVICES, LLC**  
[www.priorityenergyllc.com](http://www.priorityenergyllc.com)  
877-317-7467  
COMMITTED TO SAFETY

**DIRECTIONAL AND HORIZONTAL DRILLING SPECIALISTS**

**NOVA Directional, Inc.**

[WWW.NOVADIRECTIONAL.COM](http://WWW.NOVADIRECTIONAL.COM)

**Compass Directional Guidance, Inc.**

Manufacturer & Supplier of MWD & LWD Systems Including EM & Resistivity

Twenty Years of Innovative Technologies  
281-442-7484 | [www.compass-mwd.com](http://www.compass-mwd.com)  
14427 Interdrive West, Houston, TX 77032

[rigadvisor.com](http://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** **PETROPRO software suite**

**STRESS ENGINEERING SERVICES INC.** 13800 Westfair East Drive  
Houston, TX 77041-1101  
Phone: 281.955.2900  
[www.stress.com](http://www.stress.com)

**Engineering Problem Solvers**

DESIGN • ANALYSIS • TESTING

**Dyna-Drill**

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® Coated Bearings
- Precision Machining

[www.dyna-drill.com](http://www.dyna-drill.com) **Power That Lasts™**

**Polar Star** Oilfield Consultants  
Guiding your projects along the right path

Call us for help with:  
Downhole equipment designs  
Completion design development  
Equipment selection

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](mailto:james.garner@polarstarconsultants.com) Web Site: [www.polarstarconsultants.com](http://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

**PATENTED proNova™ by TDE**

## DRILLING PERFORMANCE

**CREW PERFORMANCE MEASUREMENTS**

**AUTOMATIC OPERATIONS DETECTION**

**INVISIBLE LOST TIME DETECTION**

281.755.7595  
www.pronova-tde.com

### 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  
Houston, TX USA  
www.signaengineering.com  
Contact: Dave Roseland 281.774.1026

## YOU HAVE EXPLORATION NEEDS. WE HAVE LEARNING SOLUTIONS.

PetroSkills competency-based learning and development solutions deliver the knowledge and skills to meet the needs of today's exploration professionals.

- Over 200 public sessions offered in the Houston area** In addition to over 600 convenient and frequent public course offerings in the United States, Canada, Europe, the Middle East, and Central/South America
- Custom courses available at your location** Private, in-house courses taught wherever you want, whenever you want, however you want
- Developing new frontiers in Unconventional** Over 30 sessions addressing these growing resource plays
- Virtual delivery brings classroom to you** Participate in live, instructor-led courses from anywhere you are
- Anytime, anywhere online access to technical knowledge** Competency-based technical e-reference solution - PetroCore Reference - enables technical professionals to quickly find and easily access PetroSkills and industry technical knowledge, when and where it's needed most

Visit our website or contact us today to see how we can meet your training needs.  
www.petroskills.com | 281.433.7744 | patty.davis@petroskills.com

**PetroSkills®**  
Delivering Knowledge. Developing Competence.

PREMIER INDUSTRY EVENTS DEVOTED TO RAPIDLY EMERGING TECHNOLOGY

# FRAC SCHOOL

**Houston, September 17-21**  
A state-of-the-art, week-long course on hydraulic fracturing with balanced presentations of the theoretical and the practical.

# advanced FRAC SCHOOL

**Houston, October 22-26**  
A Course on the Forefront of Technology in Hydraulic Fracturing Designed for Engineers with 5+ years experience

STUDY GROUP PROJECTS, FACILITIES AND CONSTRUCTION

# Expanding Facilities Knowledge Session 5 Safety Aspects of Production Facility Design

Part 5 of the 5 part Expanding Facilities Knowledge series, this session presents the fundamental considerations that should be addressed in the safe design of a production system. Included in this are concepts taken from API RP 14C and 14J and the need to consider the Human Factor

in everything we do. The philosophy behind the structure of API RP 14C will be discussed. All these concepts, although first developed for offshore systems, can be applied to onshore production systems as well.

This workshop is aimed at imparting basic concepts and facilities knowledge to graduate new hires and summer interns of EP companies and contractors, while allowing opportunities for networking with other young professionals in the industry.

the National Research Council. He is currently Chair of the National Research Council Committee preparing a report for the Department of the Interior on Evaluating the Effectiveness of Safety and Environmental Management Systems for Offshore Operations.

## Kenneth E. Arnold

Kenneth E. Arnold has over 45 years of industry experience with 16 years at Shell Oil Company. He founded Paragon Engineering Services in 1980 which was voted one of the best places in Houston to work by the *Houston Business Journal*. In 2005, Paragon was purchased by AMEC. In September 2007, Ken retired from AMEC and formed K Arnold Consulting, Inc (KACI). In 2010, he joined WorleyParsons as a part-time Senior Technical Advisor while maintaining KACI for independent consulting work.

Ken has taught facilities engineering at the University of Houston as well as for several oil companies. He is a registered professional engineer and serves on the advisory board of the engineering schools of Tulane University and Cornell University.

### AWARDS

- Society of Petroleum Engineers
- Production and Operations Award
  - Public Service Award
  - DeGolyer Medal
  - Honorary Membership

### Texas Society of Professional Engineers

- Houston Engineer of the Year, 2003
- National Academy of Engineering
- Elected to Membership, 2005

### American Petroleum Institute

- Citation for Promoting Offshore Safety

### Offshore Energy Center

- Pioneering Technology Award for API RP 14C

TUESDAY  
August 7

4:00 PM TO 6:00 PM

## Event Info

### SPEAKER

*Kenneth E. Arnold, PE, NAE  
President - K Arnold Consulting, Inc. (KACI)  
Senior Technical Advisor - WorleyParsons*

### REGISTRATION

www.spegcs.org  
Registration deadline is  
Tuesday, August 7th at 4:00 PM

### LOCATION

WorleyParsons  
Energy Corridor II Bldg.  
575 N. Dairy Ashford  
Houston, TX 77079  
(713) 892-0999

### COST

\$25 per member  
\$30 for non-members

### EVENT CONTACT

William Kinney  
(281) 249-2799  
wkinney@technip.com

STUDY GROUP SAFETY AND ENVIRONMENT

# BSEE's View of Current Offshore Regulations and Enforcement Practices

## Doug Morris

As Chief of Offshore Regulatory Programs, Morris will be responsible for developing and maintaining up-to-date regulations, policies, standards and guidelines for best available and safest practices that govern industry's offshore operations nationwide and will maintain oversight of the bureau's compliance activities and assure appropriate and effective enforcement actions.

Morris comes to BSEE most recently from the Energy Information Administration where he initially served as Director of the Reserves and Production Division and was subsequently responsible for the Oil and Gas Supply & Financial Statistics Team. Prior to joining EIA, Morris was a member of the American Petroleum Institute's executive staff, where he served as the Group Director for Upstream and Industry Operations. Before joining API, he worked as a petroleum engineer with MMS and with private industry.

## Event Info

### DATE & TIME

11:30 AM to 1:00 PM  
Monday, August 20th

### LOCATION

Petroleum Club of Houston  
800 Bell St, 43rd Floor  
Houston TX 77002 USA  
(713) 659-1431

### SPEAKER

Doug Morris  
Chief of Offshore Regulatory Programs, BSEE - Bureau of Safety and Environmental Enforcement

### COST

\$40 per member pre-registered  
\$50 for non-members pre-registered  
\$50 after Friday August 17th

### REGISTRATION

Registration deadline is  
Friday, August 17th at 11:30 AM  
www.spegcs.org

### EVENT CONTACT

Christa Henager  
281-600-1090  
christa.henager@erm.com

**FMC Technologies**

# More uptime. More fracturing.

We put you first.  
And keep you ahead.

www.fmctechnologies.com

## Reel Simple

Fiberspar LinePipe™ is the lower cost alternative to welded steel or stick fiberglass for in-field gathering or injection systems. Just unroll 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 SPOLABLE PIPELINE SYSTEMS WWW.FIBERSPAR.COM

API Q1, ISO 9001:2008, ISO/TS 29001 registered.  
© 2012 Fiberspar Corporation. Fiberspar and LinePipe are marks of Fiberspar Corporation. (FBS1228-1/0612/spegc)

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.

281-573-0500  
[info@geosteering.com](mailto:info@geosteering.com)

Real-time Log from Eagle Ford Geosteering Job

## 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

# 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

# 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)

COMMITTEE BOARD OF DIRECTORS

# 2012-2013 KICKOFF SPE GULF COAST SECTION

Our 2012-2013 SPE Gulf Coast Section Kickoff meeting will be held on Friday, August 17, 2012 at the Hilton Houston Westchase. This is an important opportunity to share contacts & best practices among our member volunteers and to learn from each other.

The “State of the Section” report will be given from 1-3 PM. Following that, special training will be held for the 2012-13 SPE-GCS Committee and Study Group Chairs, Vice-Chairs, Program Chairs, Treasurers, and New Volunteers from 3-4:00 PM. Please plan on joining us if possible.

Everyone is welcome, and attendance is free of charge. Make sure to register as soon as possible so that we may arrange for participant materials and refreshments for all.

Here is a wonderful chance to learn about the SPE Gulf Coast Section activities for all of those who want to be involved and become contributors! Again, please make sure to register so that we may have a proper count for materials & snacks.

FRIDAY  
August 17

1:00 PM TO 4:00 PM

**LOCATION**

Hilton Houston Westchase  
9999 Westheimer Road  
Houston Texas 77042

**DEADLINE**

Register by Wednesday  
August 15, 2012 @ 1:00 PM  
Space limited to 140 seats

**EVENT CONTACT**

Sharon Harris  
713-779-9595 EXT. 821  
713-779-4216 FAX  
sharris@spe.org

**EVENT COORDINATOR**

Kathy MacLennan  
kmaclellan@spe.org

**LOCATION**

SPE Houston Office  
10777 Westheimer Rd, Suite 1075  
Houston Texas 77042

**DEADLINE**

Register by Tuesday  
August 7, 2012 @ 5:00 PM  
Space limited to 30 seats

**EVENT CONTACT**

Sharon Harris  
713-779-9595 EXT. 821  
713-779-4216 FAX  
sharris@spe.org

**EVENT COORDINATOR**

Kathy MacLennan  
kmaclellan@spe.org

THURSDAY  
August 9

7:30 AM TO 10:30 AM

# SPE-GCS BOARD OF DIRECTORS MEETING

The Gulf Coast Section will hold its monthly Board of Directors meeting from 7:30 AM to 10:30 AM. Please register so that we may have a proper head count for food. Register online and RSVP to Sharon via phone message at (713) 779-9595, ext. 821, or via e-mail at sharris@spe.org. Anyone is welcome to attend.



**BAKER HUGHES**

we are the people of Baker Hughes. and we leave nothing to chance.

Roger Koehler, Global Field Training Manager

Flawless execution is essential to maximizing your asset value—as well as your return on investment. That's why it's crucial to work with a knowledgeable partner you can rely on.

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

© 2011 Baker Hughes Incorporated. All Rights Reserved. 31746




**PRODUCTIONEER**

“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



STIMULATION MONITORING

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

In unconventional plays, what's the economical and environmental solution to making more oil or gas? It's the real-time synthesis of distributed temperature sensing and microseismic fracture mapping technologies—only from Halliburton.

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

Solving challenges.™



© 2012 Halliburton. All rights reserved.



COMMITTEE YOUNG PROFESSIONALS

# YOUNG PROFESSIONALS COMMITTEE 2012-2013



Young Professionals (YP) committee members are a diverse set of selflessly motivated and talented individuals that represent the largest body of SPE YPs worldwide. If you are interested in finding out more about the committee and the activities organized in the Gulf Coast region, we invite you to attend our monthly board meetings! Use this as a time to get more plugged in or to meet some new faces in the committee. Join us in different YP activities as we kickoff our biggest year yet! For more information, please contact Sandeep Pedom (Sandeep.Pedom@conocophillips.com)

*Front (L to R): Shivkumar Patil, John Johanning, Sandeep Pedom, Yiming Dong, Jon Clark, Alexander Beszterda, Sudiptya Banerjee, Simeon Eburi*

*Middle (L to R): Mudassir Siddiqui, Ochiagha Victor Ananaba, Sidd Gupta, Sathish Kulathu, Jonathan Forde, John Jackson, Mikhail Alekseeenko, Carlos Fernandez*

*Back (L to R): Kehinde Adesoye, Andrea Hersey, Pavitra Timbalia*

## CALL FOR VOLUNTEERS

### BACK TO SCHOOL 2012

August 4, 2012  
7:30 AM to 12:30 PM & Noon to 5 PM  
Faith Lutheran Church, 4600 Bellaire Blvd.

Since 1986, the Christian Community Service Center (CCSC) has helped deserving and under-resourced students through its Back To School program. This year, 6,500 children will receive grade-appropriate school supplies as well as a \$30 voucher for new uniforms/shoes.

This volunteer-driven effort equips kids with supplies AND confidence, by allowing students to begin the school year in a well-prepared fashion – just like their peers! For more information, please contact Shiv Patil (shivkumar.patil@akersolutions.com)

### HIGH SCHOOL GUEST LECTURE PROGRAM

Make math and science more meaningful inside the classroom by sharing your experience and opportunities in the energy industry. Westside, Milby, and the Young Women's College Preparatory are looking for guest speakers to discuss career choices, what you do on a daily basis, and your experience with a topic taught in class.

Volunteers will visit a class this fall between September and November but sign up begins today. For more information please contact Ochiagha Victor Ananaba (OAnanaba@slb.com)

### EMAIL BLASTS AND SOCIAL NETWORKS

To ensure you receive our monthly email blasts, sign-in at [www.spegcs.org](http://www.spegcs.org). Click on "Member Services", then "My Email Alerts". Check the "Committee-Young Professionals" box!

For more information on SPE-GCS Young Professionals, please check us out on LinkedIn, Facebook, Twitter. For more information, please contact Sidd Gupta (SGupta13@slb.com)

### YOUNG PROFESSIONALS COMMITTEE CHAIR

Sandeep Pedom, ConocoPhillips  
713-591-5738  
[sandeep.pedom@conocophillips.com](mailto:sandeep.pedom@conocophillips.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](mailto:info@peakcompletions.com).

**PTS**

**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

Introducing the **world's fastest** water-wet wellbore cleanup.

**The DEEPCLEAN<sup>®</sup> pill combines solvents and surfactants to create the world's first double emulsion cleanup pill.**

The unique application of water-in-oil-in-water technology improves film removal and droplet dispersion, and can deliver water-wet tubulars with minimal contact time at lower chemical concentrations than conventional displacements.

Avoid completion NPT and future interventions, while protecting near wellbore reservoir permeability.

**MISWACO**  
A Schlumberger Company  
[www.miswaco.slb.com](http://www.miswaco.slb.com)

\*Mark of M-I LLC

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)

**FLOTEK**  
A Schlumberger Company

COMMITTEE COMMUNITY SERVICE

# COMMUNITY SERVICE PROGRAMS

We are always searching for volunteers to help with our outreach and community service programs. If you are interested in any of the following volunteer activities, please visit the links below for more information or contact our Community Services Director, Xuan Harris at [xvharris@verdandetechnology.com](mailto:xvharris@verdandetechnology.com).

SATURDAY  
September  
**29**  
11:00 AM TO 8:00 PM

## 2012 HCC CHANCELLOR'S SYMPOSIUM ON ENGINEERING "PATHWAYS TO YOUR FUTURE"

**LOCATION**  
Space Center Houston

**DETAILS**  
We are searching for volunteers to help man an SPE-GCS booth. This will involve doing demonstrations using our Magic Suitcase and possibly the Energy4Me kit as well as any other interactive demonstrations you can think of.

**CONTACT**  
Xuan Harris  
[xvharris@verdandetechnology.com](mailto:xvharris@verdandetechnology.com)

**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](mailto:westportservices@intertek.com)



[www.intertek.com](http://www.intertek.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

October  
**24 & 30**

8:00 AM TO 6:00 PM

## REBUILDING TOGETHER HOUSTON

**DETAILS**

Many people in our community are not able to leave their homes without assistance. Rebuilding Together Houston identifies individuals who live in homes that need assistance and helps design ramps to be installed by volunteers. SPE-GCS works closely with Rebuilding Together Houston to provide the skilled labor required in order to bring these designs into reality for a worthy homeowner. We are in need of an eager crew of 5 to 10 individuals with some carpentry skills and tools. In addition, helpers/learners are also welcome. Project timing is flexible and the task size can be adjusted to fit the crew's skill level. Join us for a rewarding experience of building-in-place design and complete a ramp in one day. This can open up the world of one of our neighbors! Come join us!

Please visit for more details:

[http://www.rebuildingtogetherhouston.org/about\\_us/programs\\_overview.htm](http://www.rebuildingtogetherhouston.org/about_us/programs_overview.htm)

SATURDAY  
October  
**20**

11:00 AM TO 5:00 PM

## ENERGY DAY REBUILDING TOGETHER HOUSTON 2012 PATHWAYS TO YOUR FUTURE

**LOCATION**  
Hermann Square, Houston City Hall

**DETAILS**  
SPE Booth with interactive engineering activities: Magic Suitcase, Porosity Demonstration, etc. For additional details, please visit [www.energydayfestival.org](http://www.energydayfestival.org)



## Oilwell Guidance LLC

MWD & LWD Services  
Mud Pulse, EM & Resistivity Technology

832-230-2519 14427 Interdrive West Houston, TX 77032 [www.oilwellguidance.com](http://www.oilwellguidance.com)

### Engineers - need technical document development help?

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



**ZAETRIC®**  
[www.zaetric.com](http://www.zaetric.com)  
713-621-4885  
[inquiries@zaetric.com](mailto:inquiries@zaetric.com)

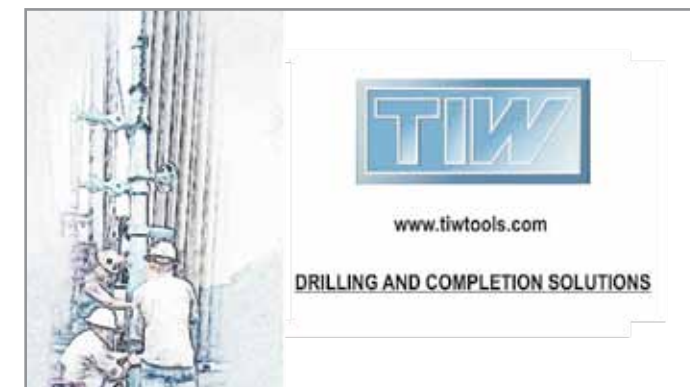


### Neal Adams Services A Proud Tradition of Well Control Excellence

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

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

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



**DRILLING AND COMPLETION SOLUTIONS**

COMMITTEE COMMUNITY SERVICE

FALL 2012/  
SPRING 2013

HIGH SCHOOL  
RECRUITING  
CAREER FAIRS

**CONTACT**  
Xuan Harris  
xvharris@verdandetechnology.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 and careers and SPE scholarships and internships.

YearRound

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*

**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)



**VOLUNTEER  
SPOTLIGHT**  
Fred Newbold

Fred Newbold serves the Westside Study Group as one of the “clip cops,” posting himself at the exit and apprehending anyone who tries to leave with their name badge clip, dutifully recycling them for the Section. He also served on the SPE/DOE IOR Symposium committee in 1996.

Fred worked as a staff research engineer at Arco, Shell, and Amoco in Plano, Houston, and Tulsa, respectively, for 24 years before his retirement, then did some contracting work for BP afterward (2000–2009). He has a BS in Chemical Engineering from the University of Virginia and a PhD in Chemical Engineering from the University of Minnesota–Twin Cities.

He re-retired in 2009, having been an active SPE member since 1971. Fred was an active contributor to SPE in the Mid-Continent Section (Tulsa), Gulf Coast Westside Study Group, the Reservoir Engineering Committee, and he served as General Chairman of the 1996 Improved Oil Recovery Symposium. Born in Washington, DC and raised in nearby Arlington, Virginia, Fred has two children and two grandchildren and stays active at the Second Baptist Church in Houston.

When asked about Jack Courtney and Fred Newbold, Alex McCoy of Oxy, Chairman of the Westside Study Group, said: “I want to personally thank you two for the many hours that you have put in to help the Westside Study Group. Both of you have been always there to help with the luncheons and other arrangements. The Westside Study Group is fortunate to have such dedicated volunteers in our group.”

This goes to show you that being an active member of SPE can last well into your retirement years!

COMPLETIONS

In deep water, completion efficiencies no longer have to threaten the bottom line.

Deepwater challenges can be complex, unexpected and extremely costly. Around the world, the experts from Halliburton are there when you need them, providing proven solutions like the VersaFlex® expandable liner hanger system with thousands of installations to date.

What's your deepwater completions challenge? For information and solutions, go to [halliburton.com/versaflex](http://halliburton.com/versaflex).

Solving challenges.™  
**HALLIBURTON**

© 2012 Halliburton. All rights reserved.

One complete solution.

From well construction through intervention, look to Hunting for perforating systems, engineered hardware and precision-machined MWD/LWD tools that meet today's exacting requirements.

Perforating Systems

Drilling Tools

Premium Connections

Well Intervention

Manufacturing Services

Advanced Manufacturing

OCTG

Electronics

**HUNTING**

For more information, go to [www.huntingplc.com](http://www.huntingplc.com)

© 2012 Hunting (HOS1217/0612)

10 *after school lessons* + 90 *minutes each* + 1 *afternoon a week* = 100% *life changing*

# Teach An Apprenticeship

## CITIZEN TEACHERS

We are all experts in something; in our careers, in the lab, on the basketball court, in the garden, or in the kitchen. At Citizen Schools, middle school students work side-by-side with experts like you to explore new fields, learn new skills and create something.

**Citizen Teachers** are volunteers who teach middle-school students in low-income communities new skills and expose them to new futures. These hands-on activities reveal the math embedded in cooking, the science in recycling, the discipline of rehearsing a dance routine.

And as part of the comprehensive **Citizen Schools** program, these apprenticeships transform lives, inspire careers, and restore children's zest for learning. Independent studies show that Citizen Schools apprentices get better grades, have better attendance and graduate at a higher rate than their peers.

But improving school performance is only the beginning. Apprenticeships change the trajectory of students and put them on a path to success in school, college, the workplace and civic life.

### SHARE YOUR KNOWLEDGE

*"It felt great to teach what I'm really passionate about—public health and healthcare—and encourage young students to make a difference."*

### CONNECT TO THE COMMUNITY

*"Working as a Citizen Teacher gave me perspective on what is important in life, and how many parts of the city need help."*

### MOTIVATE A YOUNG PERSON

*"If every child who thought they couldn't do something had the opportunity to learn firsthand from a volunteer professional, imagine the greater potential in that child's future."*

### BE INSPIRED

*"I get joy out of the students' joy. They change our lives as much as we change them."*

## What will you teach?

*Whatever your profession or passion, you can turn it into an inspiring learning experience. We'll help you design your own, or start online with one of dozens of tested curricula at our online volunteer community, CT Nation (ctnation.citizen-schools.net), or with a look at WOW! Showcase (wowshowcase.org). Imagine taking one of these courses in middle school!*

### ARCHITECTURE & DESIGN

*Redesign a Subway Station  
Build a Chair*

### ARTS AND CULTURE

*Step Poetry  
Percussion Storytelling*

### BUSINESS AND FINANCE

*Build Your Own Brand  
Saving for College*

### ENVIRONMENT

*Carbon Footprint  
Urban Gardening*

### FOOD & HEALTHY LIVING

*Baking Science  
Yoga*

### LAW & GOVERNMENT

*Mock Trials  
Run For Office*

### MEDIA & JOURNALISM

*Publish a Newspaper  
Create a PSA*

### PHILANTHROPY & COMMUNITY SERVICE

*Plan a Fundraising Event  
Community Problem Solving*

### SCIENCE, TECHNOLOGY, ENGINEERING & MATH

*Video Game Design  
Solar Car Race*

## Get Trained

In two sessions, we'll help you choose what to teach, plan a great apprenticeship, and captivate a group of adolescents.

## Get the Kids

Visit the school and pitch your apprenticeship to students, alongside all the other Citizen Teachers pitching theirs.

## Teach for Ten Afternoons

For 90 minutes once a week, guide your team of apprentices side by side with a Citizen Schools educator.

## Watch them teach back

Your apprentices share what they've learned with the community, making them say "Wow!"

## Connect

### CONTACT

*Xuan Harris  
832-444-5143  
xuan.harris@gmail.com*

### FACEBOOK

*facebook.com/citizenschool*

### TWITTER

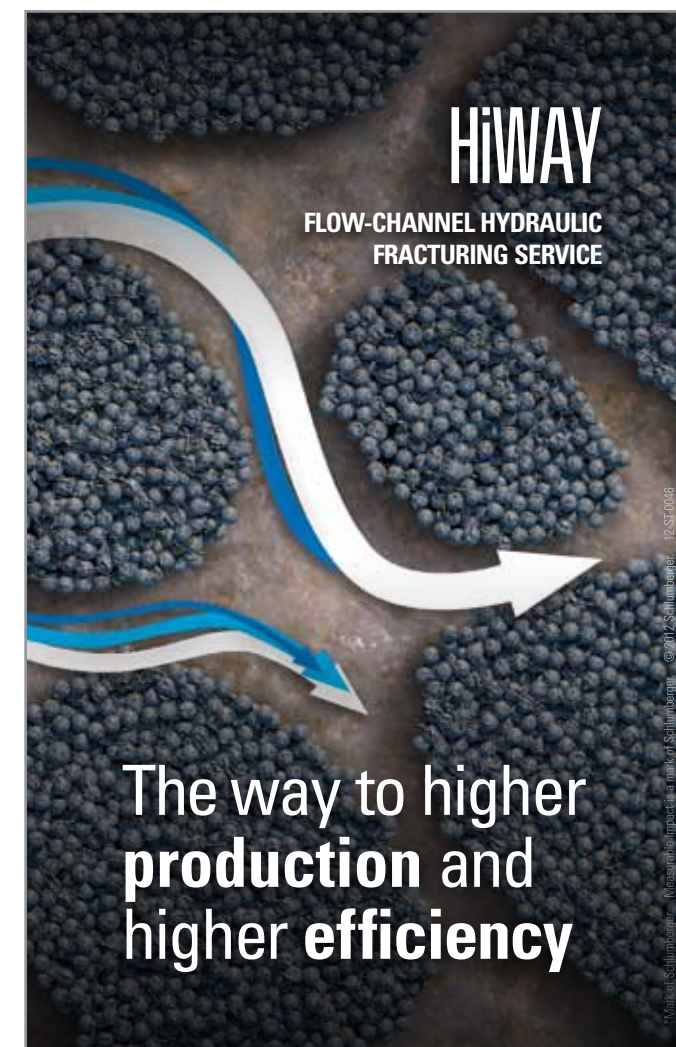
*@cschools*

### LINKEDIN

*Citizen Schools Group*

### YOUTUBE

*www.youtube.com/citizenschoolsonline*



The way to higher production and higher efficiency

**HiWAY channel fracturing increased oil production 43%, decreased water consumption 58%**

The HiWAY\* flow-channel fracturing technique creates infinite-conductivity channels for hydrocarbons to flow through—in single, multistage, vertical, or horizontal wells. It helped one Eagle Ford operator increase oil production 43% and gas production 61% while saving more than 5 million gallons of water and 1.6 million pounds of proppant per well.

Learn more at [www.slb.com/HiWAY](http://www.slb.com/HiWAY)

**Schlumberger**

WEDNESDAY  
+ THURSDAY  
August 15/16

8:30 AM TO 5:30 PM

# Deepwater Technical Symposium

SPE-Delta Section

THE 16TH ANNUAL GULF OF MEXICO DEEPWATER TECHNICAL SYMPOSIUM

This symposium is hosted by the Association of Drilling Engineers (AADE), the Delta Section of the Society of Petroleum Engineers (SPE) and the New Orleans Geological Society (NOGS). Last year's event attracted over 460 industry professionals and over 90 students from across the spectrum of technical disciplines that enable Deepwater oil and gas development. These attendees are a mixture of staff from oil & gas companies, service companies and students from universities across the Gulf Coast. More information for this event is available through the Gulf of Mexico Deepwater Technical Symposium website [www.deepwaternola.org](http://www.deepwaternola.org). The theme of this year's symposium is "Deepwater 2012

R3 - Renewal – Responsibility – Research". The overall goal of the symposium is to share knowledge, best practices, new technologies and improvements to existing technologies with a focus on case studies.

Luncheons will feature keynote speakers and the symposium ends with a panel discussion currently targeted on the Deepwater permit process. A dedicated exhibit hall with contractor presentations will be available for participants. Last year, over 30 companies exhibited Deepwater technology at the symposium. There will also be Student Poster/Paper sessions.

**LOCATION**

Riverside Hilton  
Two Poydras Street  
New Orleans, LA 70130  
(504) 561-0500

**EVENT CONTACT**

David Weekley  
(504) 728-4561  
[d.weekley@shell.com](mailto:d.weekley@shell.com)

**EVENT INFO**

[www.deepwaternola.org](http://www.deepwaternola.org)

**EVENT COORDINATOR**

Gary Fanguy  
(985) 209-3649  
[gary.fanguy@nabors.com](mailto:gary.fanguy@nabors.com)

**SPONSORED BY**

SPE-Delta, AADE, NOGS

Realize your potential.



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)



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



tetrathec.com

Focused on Energy. Dedicated to Service.

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

**NES**  
NAVIGATE ENERGY SERVICES

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](mailto:info@navigateenergy.com)

One Size Fits Many™

Lost Circulation Solutions to Natural/Induced Fractures



- Unique Solutions for
- Deepwater cementing/running casing/drilling
  - Drilling long naturally fractured horizontals
  - Severe mud losses in shale



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

Sharp-Rock Technologies, Inc.

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

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

# 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

Bill Davis, Halliburton  
713-839-2312  
bill.davis@halliburton.com

### SOCIAL ACTIVITIES

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

### TECHNOLOGY TRANSFER

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

wfjdeeg@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

### SECTION MANAGER

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

## 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

Rey Saldares, Anadarko  
832-636-4881  
rey.saldares@anadarko.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

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

### YOUNG PROFESSIONALS

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

## Study Group Chairs

### BUSINESS DEVELOPMENT

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

### COMPLETIONS & PRODUCTION

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

### DIGITAL ENERGY

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

### DRILLING

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

### DRILLING & PRODUCTION WASTE MGMT.

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

### GENERAL MEETING

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

### HSE

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

### INTERNATIONAL

Chris Reinsvold, Consultant  
713-299-5293  
chris.reinsvold@gmail.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

### 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 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

## Advanced Ceramics Make the Difference



Breakthrough sand control technology

Innovative thrust bearings

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

**ceradyne, inc.**  
PetroCeram™

## 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)

**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)

From design to decommissioning,  
you will find it all inside.

**Oil and Gas  
Facilities  
Magazine**




A new bimonthly magazine featuring

- timely reports on the projects, systems, and technologies of facilities engineering
- special guest columns
- peer-reviewed technical papers
- and more!

**Take advantage of the special member introductory price—**  
subscribe now for only USD 39.\*

To learn more and subscribe,  
visit [www.spe.org/go/ogfsignup](http://www.spe.org/go/ogfsignup).

\*Not an SPE member? Get special savings when you join and subscribe at the same time.

An Official Publication of the Society of Petroleum Engineers 



**SOCIETY OF PETROLEUM ENGINEERS  
GULF COAST SECTION**

10777 Westheimer Road  
Suite 1075  
Houston, Texas 77042

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

# CALENDAR

August 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
		PROJECTS, FACILITIES AND CONSTRUCTION Session 5 – “Safety Aspects of Production Facility Design”		SPE-GCS BOARD OF DIRECTORS MEETING		4
5	6	7	8	9	10	11
			DEEPWATER TECHNICAL SYMPOSIUM SPE-Delta Section	DEEPWATER TECHNICAL SYMPOSIUM SPE-Delta Section	SPE-GCS BOARD OF DIRECTORS 2012-2013 Kickoff SPE Gulf Coast Section	
12	13	14	15	16	17	18
	SAFETY AND ENVIRONMENT BSEE’s View of Current Offshore Regulations and Enforcement Practices			COMPLETIONS & PRODUCTION Staging Strategies for Improving SRV Distribution in the Eagle Ford Shale		
19	20	21	22	23	24	25
26	27	28	29	30	31	