

MAY 2012



Gulf Coast Section

GULF COAST SECTION

NEWSLETTER

**General Meeting:
Shale Gas,
Emerging Fundamentals &
Geopolitics**

**Reservoir Technology
Symposium
May 11, 2012**

**Oil Patch Orientation
May 9, 2012**

**Annual Awards Banquet
May 23, 2012**

CHAIRMAN'S CORNER

by Hiep Vu, Shell
2011-12 SPE GCS Chair

Respecting our Past, Honoring our Present, and Building for our Future

This month, the Gulf Coast Section will be hosting a celebration to recognize the achievements of its past, current, and future members at the annual Awards Banquet. The evening reception will be held at the historic Rice Hotel in downtown Houston. Marc Vandermeer, better known as the Voice of the Houston Texans, will once again be on hand to provide us a good, lively show with his entertaining dialogue as emcee for the banquet. He definitely has a way with words, and we are very fortunate to have Marc back year after year.



The annual banquet is a social gathering that allows members of our section to “respect our past, honor our present, and build for our future.” What do I mean by this? Well, the span of recognitions during the evening will cover a pretty broad spectrum of people who have, who had, or who will make an impact on our Section and our industry.

First of all, we will be honoring our respected SPE members who have dedicated **fifty** years of commitment to our professional society. They will be recognized as new incoming members of the prestigious Legion of Honor. Fifty years! Considering that the oil industry in the United States is roughly 150 years old, a third of that time period has been witnessed first-hand by these distinguished individuals. Can you imagine all of the wonderful stories that could be told from their perspective as the oil industry changed and evolved over the years? Truly amazing.

Secondly, our Section will be recognizing our local and regional members, our committee volunteers, and various organizations that have had distinguished accomplishments in our industry throughout the program year. Traditionally, the honors have included Section and Regional Service Awards, Outstanding Study Group Award, Outstanding Committee Award, SPE-GCS nominees for Engineer and Young Engineer of the Year, as well as Regional Awards for outstanding support, volunteerism, and technical achievements. It's difficult to fully capture all of the successes that our members have had during the program year, so these nods of recognition display our Section's continued support to deliver on the mission.

Last, but certainly not least, our Section will award scholarships and renewals for the 2012-2013 academic year to the recipients selected from a pool of local applicants. These bright and talented young people are currently enrolled or will be enrolled in engineering programs at colleges and universities throughout the United States with hopes of eventually joining the petroleum industry in the very near future. Having these students at our banquet allows our Section's membership to place some names and

continued on page 4

Reservations & Information

For all SPE GCS topical luncheons and social activities, please register online at 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.

SPE Houston Office

Gulf Coast Section Administrator
Kathy MacLennan kmaclennan@spe.org

Gulf Coast Section Administrative Asst.
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

Newsletter Committee

Chairman	Kim Tran
Treasurer	Manas Gupta
Features	Buddy Woodroof
Editor	Regina Eco

For comments, contributions, or delivery problems, contact gcsnewsletter@spemail.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 12,000 SPE members in Houston.

Advertising

For information on advertising in this newsletter or on the SPE GCS web site at www.spegcs.org, please contact Pat Stone, Star Lite Printing, at (281) 530-9711, starlite1@sbcglobal.net or rstone51@comcast.net.

Change of Address

Society of Petroleum Engineers
Member Services Dept.
P.O. Box 833836
Richardson, Texas 75083-3836
1.800.456.6863
service@spe.org

GENERAL MEETING

Shale Gas, Emerging Fundamentals and Geopolitics

Speaker: Kenneth B. Medlock III
Baker Institute at Rice University

Date & Time: 11:30 a.m. - luncheon
Thursday, May 10

Location: Petroleum Club
800 Bell Street, 43rd Floor
Houston, TX 77002

Cost: \$35 per member preregistered
\$40 for nonmembers preregistered
Additional \$5 for walk-ins

Registration: www.spegcs.org
Deadline: Noon, Tuesday, May 8

Valet parking is available at the ExxonMobil Building for \$7. If you have special dietary needs, please note your meal request when you register on-line in the box labeled "Optional comments for the event planner."

During the past decade, innovative techniques involving the use of horizontal drilling with hydraulic fracturing have resulted in the rapid growth in production of natural gas from shale. Although geologists have long known about the existence of shale formations, accessing those resources was long held to be near impossible due to the state of technology and cost. But, recent innovations have made shale gas production a commercial reality. This, in turn, has resulted in substantial change in the natural gas supply picture in North America. Moreover, it has had a ripple effect around the globe, not only through displacement of supplies in global trade, but also by fostering a growing interest in shale resource potential in other parts of the world.

Shale gas developments in North America have also pushed some to consider exporting liquefied natural gas (LNG), which represents an about-face from previous expectations. However, many developers missed shale gas in North America, which led to significant *ex post* negative investments in LNG import capacity. Is it possible this will occur abroad, and if so, what does it mean for the prospect of LNG exports from North America? In addition, how

might other convoluting factors, such as the role of exchange rates in determining arbitrage opportunities, influence the prospects for LNG exports? The answer to these questions is as much rooted in international trade and finance as it is in geology and resource availability. Moreover, it has significant implications for the development of markets and geopolitical relationships in the coming decades.

Kenneth B. Medlock III is currently the James A. Baker III and Susan G. Baker Fellow in Energy and Resource Economics at the James A. Baker III Institute for Public Policy and Adjunct Professor and Lecturer in the Department of Economics at Rice University. Medlock received his



PhD in economics from Rice University in 2000. From May 2000 to May 2001, he held the MD Anderson Fellowship at the Baker Institute. Afterward, he held the position of Corporate Consultant at El Paso Energy Corporation where he was responsible for analysis of North American natural gas, petroleum, and power markets.

Currently, Medlock heads the Baker Institute Energy Forum's natural gas program, and is a principal in the development of the Rice World Natural Gas Trade Model, which is aimed at assessing the future of international natural gas trade. Medlock also teaches introductory and advanced courses in Energy Economics and supervises undergraduate and graduate students in the Energy Field for the Department of Economics.

Medlock has served as an advisor to the US Department of Energy and the California Energy Commission in their respective energy modeling efforts. He also was the lead modeler of the Modeling Subgroup of the 2003 National Petroleum Council (NPC) study of long-term natural gas markets in North America, and was a contributing author to the California Energy Commission and Western Interstate Energy Board's *Western Natural Gas Assessment* in 2005. He also contributed to the LNG chapter and Peak Oil deliberations of the 2007 NPC study, *Facing the Hard Truths*, and was involved in the latest NPC study, *North American Resource Development*, as well as the recent *Integrated Energy Policy Report (IEPR)* study of natural gas in the western US.

continued from page 2

faces to young people who will craft our industry's future. In addition, our study group and committee volunteers work very hard to put on excellent programs and events that ultimately support our Section's scholarship program, so this will be a great opportunity to see the fruits of our labor.

I invite you to attend our SPE-GCS Annual Awards Banquet to come see for yourself how our Section is respecting our past, honoring our present, and building for our future. Who knows who you'll meet there?

May Board Meeting

The Gulf Coast Section board of directors meeting will be held from 7:30 to 10:30 a.m., Thursday, May 17 at the SPE Houston office, 10777 Westheimer Road, Suite 1075 (77042). Board meetings are open to any SPE member, but you must register in advance because seating space is limited. If you would like to attend, please register online at www.spegcs.org or contact Sharon Harris at 713.457.6821 or sharris@spe.org.

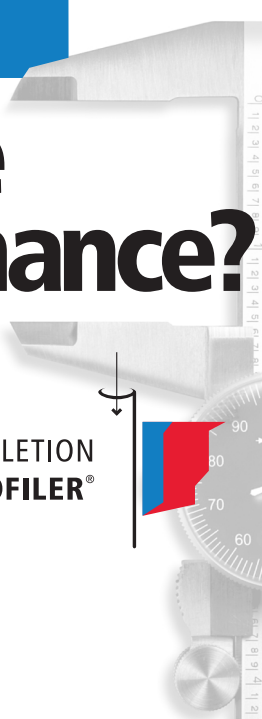
Measured Solutions from
The Completion Diagnostics Company

Fracture performance?


With ProTechnics combined spectral and production imaging services you can directly measure:

- Fracture effectiveness
- Wellbore connectivity
- Production allocation
- Water production problems
- Stage production contribution
- After-frac production baseline

COMPLETION PROFILER®



ProTechnics
A Production Enhancement division of Core Laboratories
www.corelab.com/protechnics 713-328-2320



Core Lab
RESERVOIR OPTIMIZATION

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.

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



TAM INTERNATIONAL
Inflatable and Swellable Packers

**Monthly Membership Report
Gulf Coast Section
March 2012**

Volunteer Spotlight

	Mar-12		Feb-12	
	Total	YP(subset)	Total	YP(subset)
SPE-GCS Members	12,659	2,389	11,267	2,032
New Members	246	110	124	39
Reinstated Members	19	7	12	4
Transferred to Section	131	62	89	39
Transferred Elsewhere	31	16	26	10
Unpaid	2,854	1,012	4,037	1,300
Student Members	Paid	Unpaid	Paid	Unpaid
Texas A&M	566	202	450	282
UH/Rice	177	76	142	87
HCC	28	15	25	15
Unassigned	15	5	12	6
Total	786	298	629	390
Total Paid/Unpaid	13,445	3,152	11,896	4,427
% Paid	81.0%		72.9%	



José Carlos "JC" Cunha

This month we are recognizing an SPE volunteer who basically mentors the whole world on the topic of drilling and completions.

José Carlos "JC" Cunha is Drilling Manager for Ecopetrol America, where he is involved in the offshore operations of the company in the Gulf of Mexico and South America. Prior to this position, JC was Well Operations Manager for Petrobras America in Houston, where he was responsible for the company's ultra-deepwater drilling program in the GOM.

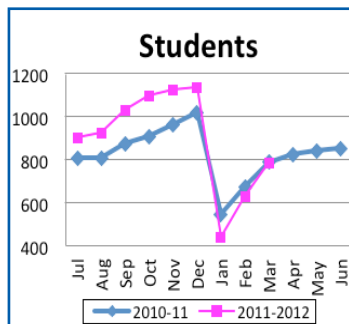
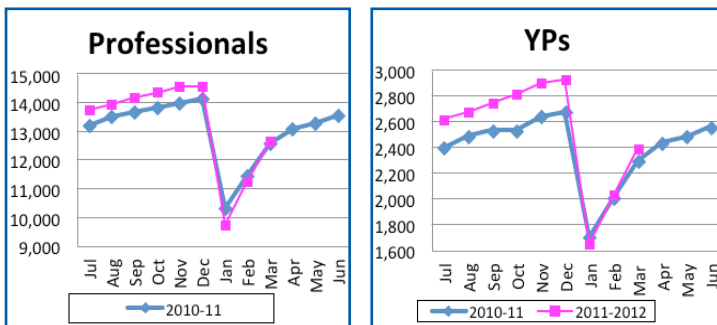
A very active SPE member, JC is the Chair of the *Journal of Petroleum Technology* Editorial Committee, a member of the SPEI Drilling & Completions Advisory Committee, and chairman of the SPE Drilling TIG, one of the Technical Interest Groups that do online mentoring. A former Associate Editor for *SPE Drilling & Completion*, JC was among the first group of SPE members to be recognized as "A Peer Apart" in 2007 for reaching the landmark of 100 or more SPE papers reviewed.

Previously, Cunha was a professor of Petroleum Engineering at the University of Alberta, Canada, where he taught courses on drilling, formation evaluation, and petroleum economics. During his 4.5 years there, he also conducted research on drilling optimization, managed pressure drilling, and risk analysis. Before that, he held several technical and managerial positions for Petrobras and Petrobras International in drilling/completion projects in South America, the GOM, and Africa. JC has a PhD in Petroleum Engineering from the University of Tulsa.

He has authored more than 50 technical articles (including 31 SPE papers) and also wrote chapters for the recently published *SPE Advanced Drilling* book, as well as for the new *SPE Fundamentals of Drilling Engineering* textbook. He has given technical presentations in conferences, seminars, and short courses. JC was an SPE Distinguished Lecturer last year and gave talks to 25 SPE sections in 15 countries.

JC is also on the Program Committees for the upcoming SPE Deepwater Drilling and Completions Conference, to be held June 20-21 in Galveston, TX, as well as for the 2012 SPE ATCE, which will be held October 8-10 in San Antonio, TX.

"Participation in SPE activities has played a major role in my career in terms of both professional and personal development," Cunha said. "To have the opportunity to give a little back, mainly to our young members, is an honor and a privilege."



Please renew your SPE membership today!
www.spe.org/join

AUXILIARY

Houston SPE AUXILIARY will not meet in May. The next meeting will be in September. If you would like more information, or would like to join our group, please contact Nancy Giffhorn at rgiffhorn@aol.com or at 281-360-4361.

BOOK CLUB:

Date: May 23, 2012
 Time: 10:00 AM
 Book: "Whiter Than Snow" by Sandra Dallas
 Hostess: Maxine Hillman
 Discussion Leader: Lorie Coffelt

The book title is tentative. Book Club will also meet during the summer. For further information contact Lorie Coffelt at 281-859-0057 OR at wrcoffelt@aol.com.



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



© 2011 Hunting (HOS1125/0511/spegcs)



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

Engineering Problem Solvers



DESIGN ■ ANALYSIS ■ TESTING

PRODUCTION ENHANCEMENT

"In new or mature wells, proppant flowback doesn't have to be a problem."



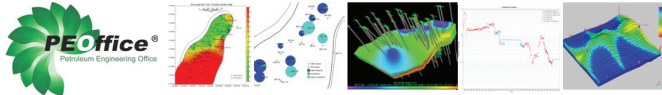
PropStop®ABC service from Halliburton—featuring a water-based formulation—can make application more efficient, improve safety and help stop proppant production for the life of the well.

What's your production enhancement challenge? For solutions, go to halliburton.com/propstop.

Solving challenges.™ **HALLIBURTON**

© 2012 Halliburton. All rights reserved.


Increase Mature Field Production Using **Smarter Engineering...**
 by Integrating Reservoir & Production Data with...



Integrated Field Study Scenarios

- Identify underperforming wells / plan well interventions
- Perform residual oil distribution studies
- Determine reservoir and well potential
- Multi-phase flow / black-oil simulation

Houston Office: 713-787-6622
www.optpt.com



BUSINESS DEVELOPMENT

Unleashing the Bounty of Marcellus and Utica: Williams' Atlantic Access and Other Marketing Growth

Speakers:	Kirk Blackim Williams Midstream
	Ross Conatser Williams Transcontinental Gas Pipeline
Date & Time:	5:00 - 6:00 p.m. - Social Hour 6:00 - 7:00 p.m. - Program Wednesday, May 23
Location:	Four Seasons Hotel 2 nd Floor Mezzanine and Meeting Rooms 1300 Lamar Houston, TX 77010
Cost:	\$35 per member preregistered \$40 for nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Monday May 21

*Hors d'oeuvres provided, cash bar available.
Advanced registration guarantees seating.*

Production from the Pennsylvania Marcellus shale averaged 1.7 BCFED during the last half of 2011. With continued drilling and over 1000 wells shut-in or still not completed, the surge in production is expected to continue—slowed but not stopped by diminished natural gas prices. Next door in Ohio, the Utica shale is just getting started, fed by the desire for high-value liquids production that is undeterred by gas prices. How will producers find an outlet with markets for this bounty? What are the infrastructure needs? How quickly can they be made available? What will be the combination of domestic and foreign (export) markets? How will they be brought to bear?

Kirk Blackim is Manager, Commercial Development, for Williams Midstream, Eastern Region. Blackim is leading the charge with regard to Williams' growth projects, specifically in Pennsylvania, Ohio, and West Virginia. In his current role, he is responsible for identifying and executing production and asset acquisition opportunities. One of Blackim's main initiatives will be to create gathering and processing opportunities that can assist Williams in securing commitments to the Atlantic Access, Butler Lateral project, and other natural gas liquids projects for the region.

Prior to joining Williams Midstream in April 2011, Blackim was a partner in Clear Creek Energy Services; owned his own financial consulting business; and worked for Trust Company of the West, Koch Industries, and Kansas Pipeline Operating Company in numerous oil- and gas-related investment and business development roles.

Blackim is a graduate of Washburn University of Topeka, Kansas, graduating with a BBA degree and has passed the Uniform Examination for Certified Public Accountants.

Ross Conatser is Senior Marketing Services Representative for Business Development at Williams, Transcontinental Gas Pipeline. Prior to joining Williams, Conatser held positions at Stewart and Stevenson and Dresser-Rand where he managed distributed-generation and gas-compression projects.

He is a graduate of the University of Tulsa where he received a BS in petroleum engineering.

Terralog Technologies has opened a new office in Houston specializing in:

Advanced Geomechanics from the Wellbore to Reservoir Scale

- ✓ **Compaction and Subsidence Analysis**
- ✓ **Well Damage Risk and Design Optimization**
- ✓ **Wellbore Stability**
- ✓ **Salt Mechanics**
- ✓ **Caprock Integrity and Induced Seismicity**



www.terralog.com
Los Angeles : 626-305-8460

vserajian@terralog.com
Houston: 281-447-5181

Terralog Technologies USA, Inc.

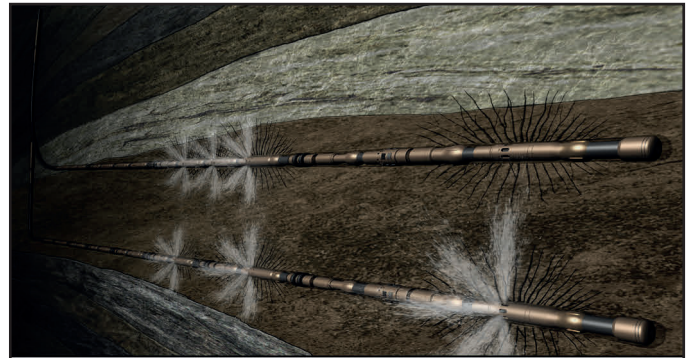
FMC Technologies

**More
uptime.
More fracturing.**



We put you first.
And keep you ahead.

www.fmctechnologies.com



**RADICALLY REDUCE
COMPLETION TIME**

The Expandable Sleeve frac system enabled an operator in the Bone Springs play to complete 10 stages [30 exit points] in only 30 hours of pump time, saving 8 days of completion time.

The Expandable Sleeve frac system **eliminates plug-and-perf**. Its limited-entry design enables you to design each stage for improved treatment coverage with over 175 exit points.

The system is available for cemented and openhole applications.

DEVELOPING UNCONVENTIONALS
DUO
RESERVOIRS
Visit us at Booth 536
May 14-16 in
Denver, Colorado.

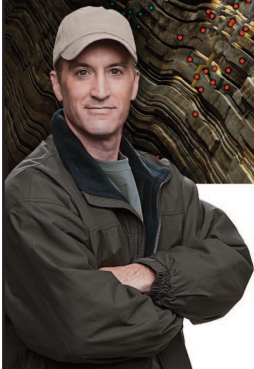
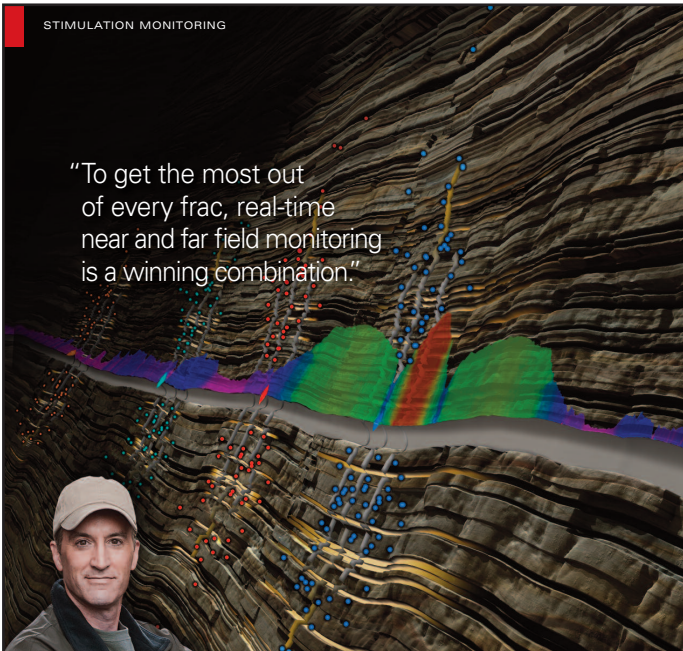
Contact your local sales representative or come by our booth at Hart Energy's Developing Unconventional Oil Conference.



866.684.PEAK
700 LOUISIANA ST., SUITE 2410
HOUSTON, TX 77002
WWW.PEAKCOMPLETIONS.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 gas (or oil) while reducing costs and meeting environmental parameters. The solution is an industry-first from Halliburton: a synthesis of distributed temperature sensing and microseismic fracture mapping technologies that now gives operators the real time ability—while resources are at the well site—to maximize the connectivity of your productive intervals.

What's your stimulation monitoring challenge? For solutions, visit www.pinnntech.com.

Solving challenges.™



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



Oilfield Production Management Software

www.productioneer.com

(713) 401-9584

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

COMPLETIONS & PRODUCTION

Characterizing Reservoir Properties Using Diagnostic Fracture Injection Testing (DFIT)

Speaker:	Dave Cramer ConocoPhillips
Date & Time:	11:30 a.m. - luncheon Wednesday, May 23
Location:	Greenspoint Club 16925 Northchase Drive Houston, TX 77060
Cost:	\$35 per person preregistered \$40 for walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Monday, May 21

Diagnostic fracture injection testing (DFIT) is an efficient way to derive in-situ information in many rock types. With this technique, a modestly-sized hydraulic fracture is created in the target interval (pay zone or bounding interval) and pressure fall-off during the shut-in period is analyzed to identify fracture closure and an after-closure radial flow period. Injection rate and volume are tailored for interval thickness and leak-off characteristics.

Identification of fracture closure is based on derivative-based diagnostic plots and provides information on rock stress. As well, non-ideal fracture propagation (e.g., fracture height growth, fissure opening, multiple fracture closures) can be identified and evaluated.

After-closure analysis is used to derive rock transmissibility (kh/u) and initial reservoir pressure (P_i). Radial flow is identified and evaluated by type curves and specialty plots.

The parameters derived in DFIT analysis are used to model fracture propagation and optimize fracture design for the indicated reservoir characteristics, and to provide information for reservoir modeling and production forecasting.

The presenter will describe the basic theory and practice of DFIT analysis. Field examples from various locations, completion types and reservoir systems, including shale gas, unconsolidated sand and low-pressure reservoirs, will be reviewed to describe test design and interpretation.

Dave Cramer is an Engineering Fellow in the ConocoPhillips Global Wells Completions Engineering group in Houston, TX. He has over 34 years of experience in designing, implementing and evaluating well stimulation treatments.



Cramer has authored 40 papers, delivered over 160 technical-society presentations on well completion and performance topics, and is a co-inventor of 2 U.S. patents. Industry recognitions include the Henry Mattson Technical Achievement Award by the Denver SPE chapter in 1993 and the SPE International Completions Optimization and Technologies Award in 2011. He was an SPE Distinguished Lecturer from 2003-2004 and the SPE Region Director for the U.S. and Canada Rocky Mountain region from 2004-2007.

Cramer is a registered Professional Engineer in the state of Colorado.

Innovative Proppant Technology

Get the Most From Your Shale Frac Treatments with Advanced Resin Coated Proppants.

momentive.com/oilfield **MOMENTIVE**

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

www.pts-technology.com
281-498-7399

PREMIER INDUSTRY EVENTS DEVOTED TO
RAPIDLY EMERGING TECHNOLOGY

advanced **FRAC SCHOOL**

**Big Cedar Lodge, A Bass Pro Shop Resort,
Ridgedale, MO (Near Branson, MO)
June 25-29, 2012**

A Course on the Forefront of Technology in
Hydraulic Fracturing Designed for Engineers
with 5+ years experience



For more information, visit our website:
http://petroleumetc.com/training/ad_frac/

(979) 268-8959 | www.PetroleumETC.com



With reservoirs becoming increasingly complex, you need the most accurate information you can get to better understand your reservoir.

Weatherford Labs helps you get more from your core by combining an unsurpassed global team of geoscientists, engineers, technicians and researchers with the industry's most comprehensive, integrated laboratory services worldwide. From core analysis, sorption, geochemistry and isotopic composition to detailed basin modeling and comprehensive data packages, we provide you with real reservoir rock and fluid information that hasn't been distilled by a simulator or iterated by software.

We call it **"The Ground Truth™"** – giving you the accurate answers you need for better reservoir understanding. You'll call it a better return on your reservoir investment. To learn more, contact TheGroundTruth@weatherfordlabs.com.



© 2011 Weatherford. All rights reserved. Incorporates proprietary and patented Weatherford technology.

Natural Gas Hydrates In Flow Assurance

**Colorado School of Mines
Golden, Colorado
May 21-23, 2012**

Taught by: E.D. Sloan, C.A. Koh, and A.K. Sum

This course is aimed at engineers and scientists concerned with controlling/managing natural gas hydrate formation during gas/oil production and transportation. Each attendee will receive a CD and hard copy of the course material, including a copy of SPE Monograph *Hydrate Engineering*, by E.D. Sloan.

The objective of the course is to provide a fundamental review of the practice and theory in natural gas hydrates, with applications primarily in flow assurance.

For information regarding attendance and fees contact: 303-279-5563, email space@mines.edu, <http://csmospace.com/events/natgashyd/>

CONTINUING EDUCATION

Oil Patch Orientation

Speakers: John Farina, Consultant
Ron Hinn, PetroSkills
Brian Musso, MCX
Ken Arnold, Consultant
Marty Stetzer, Consultant

Date & Time: 8:30 a.m. - 5:30 p.m.
Wednesday, May 9

Location: Hilton Westchase Hotel
9999 Westheimer Road
Houston, TX 77042

Cost: \$350 per members
\$375 for nonmembers & walk-ins

Registration: www.spegcs.org
Deadline: Noon, Monday, May 7

Outline:

- * Introduction/Outline of the Day
- * The Economics & Future of the Petroleum Industry
- * Theory of the Origins of Hydrocarbons
- * Reservoir Parameters (eg: Porosity/Permeability)
- * Geology of Petroleum & Geophysics
- * Drilling Basics
- * Well Logging
- * Well Completions
- * Reservoir Drive Mechanisms
- * Production Equipment (sub-surface & surface)
- * Midstream & Downstream Topics

This seminar is the most popular SPE-GCS program. The course is designed as non-technical audio-visual guided tour through the oil patch, illustrating the basic equipment and techniques used in the discovery, development and production of petroleum.



- **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.

THE RIGHT CHOICE FOR OIL AND GAS ADVISORY SERVICES



www.rpsgroup.com

Houston
Gene Wiggins 281.448.6188

Dallas
Patrick H. Lowry 214.987.1042

- Reservoir Simulation
- Enhanced Recovery
- Geological Analysis
- M&A Evaluations
- Reservoir Engineering
- Strategic Studies
- Reserves Evaluation
- Technology Applications

Lantz Tech Works

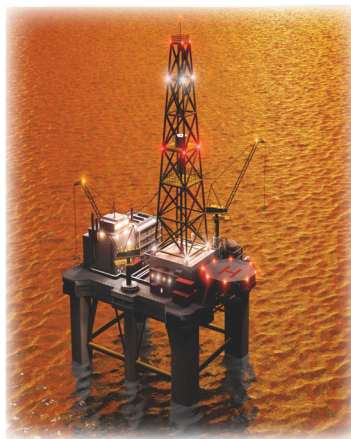
Economic Program Conversions & Tech Support

PHDWin * OGRE * PowerTools * Aries

(832) 668 - 5897

www.lantztechworks.com

Then



Now

by Buddy Woodroof, ProTechnics
Features Editor

May 1919

The oilfields of North and West Texas will soon have YMCA accommodations similar to those in the army cantonments, according to the State Secretary of the YMCA. The plan calls for huts to be set up in the oilfields for the convenience and recreation of workers employed in those areas.

- One of the hottest-selling business machines in oilfield offices is the mimeograph duplicator. (Boomers remember.)
- Spindle Top has its first deep sand producer after 19 years of more or less deep drilling. Gulf Oil's McFadden #1 came in flowing 250 bbl/day from a depth of approximately 3,000 ft. Most of Spindle Top's production has come from depths of 700 to 1,000 ft.
- One of the reported biggest logistical needs in the oilfields is paved highways, as dirt roads are not conducive for hauling heavy loads of crude oil or oilfield equipment, and the railroads are badly congested.

May 1926

Chemist and engineer Otto Martin constructs a plant in Sand Springs, Oklahoma designed to extract potentially marketable chemicals from produced salt water. According to Martin, as many as 85 chemicals can potentially be extracted from field brines. (If only it was commercially viable.)

- One of the hot oil sands in the North Texas area is the Swastika sand. (Obviously that symbol predated WW II by quite a bit.)
- Shale gas produced from shallow black shales in eastern Kansas gains popularity, with approximately 1,000 such

wells on production and scores more being drilled. Geologists observe that these shallow gas shales are only productive when they are also water-bearing.

- Wildcatters continue to probe Socal beaches for producible oil, with Huntington Beach and Seal Beach as the latest targets.

East Texas crude oil - \$1.20-2.20/bbl
(depending on gravity)

May 1932

With possibly three more years of flowing production in prospect for the East Texas field, area geologists go on record estimating the field's ultimate oil recovery to be approximately 2,100,000,000 barrels from 100,000 productive acres.

- Oklahoma Governor William Murray issues an executive order to cease all drilling inside the city limits of Oklahoma City for fear of hazards to property and life. The National Guard is put on alert to support the order.
- Reportedly encouraging signs of the recovery of the oil industry in Oklahoma are brought out in the "Five Civilized Tribes Oil Lease Sale" held in Muskogee, in which Indian land sold for an average of \$3.90 per acre.
- What are the three leading crude oil producing states circa 1932? Texas, followed distantly by California, and then Oklahoma.

East Texas crude oil - \$0.98/bbl

The Rest of the Yarn

This month we continue our look-back at the life and times of Sid Richardson, one of the “Big Four” oilmen who laid the foundations of a flamboyant lifestyle that would come to define the image of Texas Oil.

The ideal solution for Richardson’s financial woes would be to locate a wealthy partner, someone who could fund drilling that might produce enough oil to repay the banks. For most of 1933 loan officers from both of the two largest banks in Dallas and Fort Worth queried their largest customers, but neither proved interested in backing Richardson. Then, in late 1933, Eugene McElvaney, a vice president at First National Bank of Dallas, came up with a new name: Charles E. Marsh, co-owner of several Texas newspapers, including the politically influential Austin American. Marsh, like his Austin neighbors Herman and George Brown of the Brown & Root contracting company, was using his spare cash to bankroll several Texas wildcatters. When McElvaney sent him a telegram at Washington’s Mayflower Hotel, Marsh consented to a meeting.

It is a measure of how totally Sid Richardson cloaked his business in secrecy that the name of Charles Marsh, the man whose backing made Richardson’s fortune possible, remained unknown to Richardson’s family. In all likelihood, Marsh’s name would be lost to history were it not for his subsequent sponsorship of an obscure Texas congressman named Lyndon Johnson. A large man with an even larger ego, Marsh was by every account a self-important blowhard who could be very rude at times. He felt like he could do anything and always wanted to be the great manipulator behind the scenes.

That Marsh and Richardson were polar opposites was obvious. Richardson didn’t care; he just needed money. Marsh’s initial commitment was modest, namely a thirty-thousand-dollar line of credit at First National bank of Dallas. When Richardson quickly drew down that first thirty-thousand dollars, he wanted and needed much more in order to pay off his debt and renew drilling. Marsh resisted extending his line of credit at first, but ultimately negotiated a complicated deal involving First National Bank of Dallas that led to a \$210,000 loan followed by another \$150,000 loan shortly thereafter. In effect, Richardson had smoozed his way into a partnership that would get him turning to the right again.

Next month, Sid Richardson comes up with the most brazen gamble of his career. (Article excerpted from “The Big Rich.”)

History Quiz

What industry figure is synonymous with the following combination: World War II fighter pilot, bazooka, and completion tools pioneer?

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

Answer to April’s Quiz

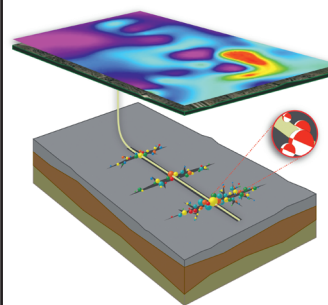
In 2002, there were approximately 75,000 retail gasoline stations in China.

Answer to March’s Quiz

The first horizontal oil well was drilled near Texon, Texas in 1929.

**Congratulations to March’s winner –
Christa Clark with Shell International E&P!!!**

Cut costs in unconventional reservoirs



Map your reservoir fluids and fracture network together

Reduce uneconomic fracture stages with advanced microseismic imaging

Contact us today

andrew.poon@spectraseis.com
Phone (936) 232 8670

Spectraseis

www.spectraseis.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

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

Losseal

FAMILY OF REINFORCED
COMPOSITE MAT PILLS



Mark of Schlumberger. © 2012 Schlumberger. 12 CE-0009

Stop lost circulation in naturally fractured formations

The Losseal* family of reinforced composite mat pills cures static and dynamic mud losses in naturally fractured formations during drilling or prior to cementing once total depth is reached.

In a South American carbonate formation, the use of Losseal mat pills reduced mud losses of 2,000 bbl during drilling without requiring an additional trip, and the cement job was successfully completed without losses.

For more of the story, go to www.slb.com/losseal

Schlumberger



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

© 2011 Baker Hughes Incorporated. All Rights Reserved. 31746

Advanced Ceramics Make the Difference



Breakthrough sand control technology

Innovative thrust bearings

(714) 384-9488 www.petroceram.com

ceradyne, inc.
PetroCeram

Reservoir Simulation Software & Services



COMPUTER
MODELLING
GROUP LTD.

*IMEX, GEM & STARS for modelling
almost any recovery process in
conventional & unconventional
resources*

- Consulting
- Technical Support
- Training Courses every month in Houston Office

Easy-to-use Windows-based software

trainingusa@cmgl.ca www.cmgl.ca 281-872-8500

Drilling Data Management: Southwestern Energy's Vision

Speaker: Mark Reynolds
Southwestern Energy

Date & Time: 11:30 a.m. - luncheon
Wednesday, May 16

Location: Courtyard at St. James
1885 Saint James Place
Houston, TX 77056

Cost: \$35 per members
\$40 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Monday, May 14

This presentation explores Southwestern Energy's focus on learning in solving land-based drilling challenges. Drilling data is examined as an asset to the organization; specifically, the logistics of data asset acquisition and retention, and the potential to improve overall drilling operations. A brief explanation of drilling data acquisition followed by an overview of technologies involved within data acquisition, transmission, storage, visualization, and mining is included with special attention given to industry standards including WITS, WITSML, and PPDM. Finally, a few thoughts about Southwestern Energy's drilling data vision are shared.

Mark Reynolds is currently at Southwestern Energy where he works in the Fayetteville Shale Drilling group as a Staff Drilling Data Analyst. In this position, he pulls his experiences in data processing, data analysis, and data presentation to improve Southwestern Energy's work in the natural gas production and mid-stream market.



Mark began developing military avionics systems for General Dynamics and Sikorsky Aircraft. Since 1990, he has been developing Systems and Applications for the Energy Industry including integrated information systems, systems analytics, real-time processing, and operations management.

gyrodata

- » 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 PRODUCTION SERVICES



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

www.ipsadvantage.com



Reservoir Engineering
Studies
Well Data Management
Projects

**Tiandi
Energy**

Unlimited Resources
713-502-0981
tiandienergy.com

Gulf Coast Section Awards Banquet

Speaker : **Felipe Bayon**
Senior Vice President, Special Projects
BP

Date & Time: 6:00 p.m. – 10:00 p.m.
Wednesday, May 23

Location: Rice Hotel
909 Texas Avenue
Houston, Texas 77002

Cost: \$55 per person preregistered

Registration: www.spegcs.org

Deadline: Noon, Monday, May 21

*This event is expected to sell out early. Please register in advance online.
Walk-ins accepted on a space-available basis only.*

Street parking is available after 6 p.m. and valet parking is also available at the Rice Hotel for \$10.

Plan to attend an inspirational evening where we will celebrate the multi-faceted achievements of several generations of superstars in the energy industry.

The annual SPE-GCS Awards Banquet recognizes the high school seniors and college students who have received an SPE-GCS scholarship for the 2012 academic year. This is a great opportunity to welcome outstanding students into the petroleum industry and to make a positive impression on members of the community. In addition, this event also recognizes our Legion of Honor award recipients as well as our SPE Sectional and Regional award winners. Members of the Legion of Honor have served SPE for fifty years and will be honored for their long-standing commitment to our professional society.



Felipe Bayon has 20 years experience in the oil and gas industry in business leadership and technical managerial roles within Exploration and Production (E&P). Previously, he was Regional President Southern Cone for BP and Chief Executive Officer of Pan American Energy (a JV 60% owned by BP), and Head of the BP E&P Executive Office and Colombia Operations Vice President. From 2006 to 2010, he was Chairman to the Argentine chapter of the Latin American Drilling Safety (LADS) organization.

Bayon graduated from Universidad de los Andes, Bogota, Colombia in 1989 with a degree in Mechanical Engineering.

Sponsorships are also available. SPE-GCS is requesting that companies sponsor tables at the banquet. This sponsorship will entitle the sponsor company to two seats at a table and a marquee on that table. The sponsor company will also be recognized in the program for their contribution to the evening. The cost for sponsoring a table will be \$550 donated to the SPE-GCS, a non-profit organization, for the scholarship program.

Please visit the website for more information or contact [James Rodgerson](mailto:james.rodgerson@bp.com) at james.rodgerson@bp.com

BUSINESS ETHICS: A DIFFERENT LOOK; PART 1: ETHICS & MORAL REASONING

Speaker: James Pappas
RPSEA

Date & Time: 11:30 a.m. - luncheon
Wednesday, May 9

Location: Greenspoint Club
16925 Northchase Drive
Houston, TX 77060

Cost: \$35 per member preregistered
\$40 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Monday, May 7

The speaker will discuss ethics from a moral reasoning viewpoint in the first part of a three-part study. Among the items that will be covered are: a description of ethics models and misconceptions, moral dilemmas for businesses, the concept of “teaching” ethics, business ethics principles, and a dissection of moral reasoning. The talk will include audience participation in the form of several examples.

This one-hour presentation will result in one Professional Development Hour (1 PDH) for Professional Engineers and others who require ethics courses as part of their certifications.

James Pappas is Vice President for Ultra-Deepwater Programs for RPSEA (Research Partnership to Secure Energy for America) in Sugar Land. Pappas has been involved with SPE for more than 30 years. He has served SPE as a director and chair for various programs and meetings such as the OTC, ATCE, LACPEC and more. He is also past chair of the SPE-GCS.



Pappas has authored over 60 papers, spoken at various conferences, and interviewed on topics such as Monte Carlo reservoir simulation, project management, drilling, government and more.

He holds a BS degree in chemical engineering and a BA in chemistry from the University of Texas at Austin. He also received his MBA from the University of Texas at Tyler.

Pappas received numerous accolades including the SPE-Gulf Coast Section and SPE Gulf Coast Region Service Awards, as well as both the Houston Engineer of the Year in 2007 and Texas Engineer of the Year by the Texas Society of Professional Engineers in 2008. He was selected Distinguished Engineer in Texas by the Texas Engineering Foundation in 2008.

Pappas has been a Registered Professional Engineer in Texas since 1985.

PATENTED proNova™ by TDE
SAFETY + PERFORMANCE = SUCCESS
IMPROVE DRILLING & COMPLETIONS
SAFETY AND PERFORMANCE
ACCURATELY MEASURE
YOUR CREW OPERATIONS
AUTOMATIC DRILLING
OPERATIONS DETECTION
www.PRONOVA-TDE.com 281.755.7595

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



Mike, USA Operations

Maximize Your Assets

How much do you lose on non-productive time?

Packers Plus open hole, multi-stage systems eliminate the time, cost and risk of cementing, perforating and associated coiled tubing operations. Our systems use a continuous pumping operation and have the ability to immediately flow back, so you get your well on production in hours not days.



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



www.packersplus.com

Failure is Not an Option

At Ryan, failure is not an option. That's why our positive displacement mud motors and retrievable mud pulse MWD equipment lead the industry in mean time between failures.

Ruggedness and reliability are two good reasons why Ryan is moving to the forefront of the industries we serve.

Call us at 800.682.0291 and see why a low failure rate has moved customer loyalty to an all time high.

RYAN DIRECTIONAL SERVICES, INC.
A NABORS COMPANY

Energy Solutions Through the Power of People.

Since the creation of New Tech Engineering in 1998 to the development of New Tech Global (NTG), our talented team and their dedication to excellence and superior service as been and continues to be what sets NTG apart from the competition. With a large and diverse resource base of leading experts and a solid financial standing, NTG has been able to provide unparalleled support to our clients for more than a decade.

Our consultants are the force behind New Tech Global. Through our global opportunities with the world's largest oil and gas producers as well as our dedication to personalized service and support for our consultants, NTG truly offers a better way to work.

CONSULTING SERVICES

ENGINEERING SERVICES

OILFIELD SOLUTIONS

1030 Regional Park Drive • Houston, Texas 77060 • 281-951-4330

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

Cross-Play Shale Gas Well-Performance Analysis

Speakers:	Narayan Nair Object Reservoir
	Mark Miller Object Reservoir
Date & Time:	11:30 a.m. - luncheon Tuesday, May 8
Location:	Greenspoint Club 16925 Northchase Houston, TX 77060
Cost:	\$30 per member preregistered \$35 for nonmembers preregistered \$40 for walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Friday, May 4

Please bring a copy of your credit card receipt if you registered and paid online. If you have special dietary needs, please email the event contact with your prequests PRIOR to arrival at the event.

Shale resource plays often present formidable reservoir-management challenges, particularly with regard to capital utilization and allocation. In spite of significant measurement and analysis, uncertainty typically remains in the physical characteristics of the stimulated reservoir volume (SRV) accessed by hydraulic fracturing, namely: shale permeability, fracture spacing, SRV spatial dimensions, and gas-in-place. To assess the viability and the impact of business and development decisions, a consistent workflow for analyzing well performance and predicting future performance is needed.

In this presentation, well-performance histories of several hundred wells spanning the Haynesville, Woodford, Barnett, Horn River, Marcellus, Fayetteville, and Montney shale plays were investigated with a common and consistent analytical framework that determined a well-productivity measure during transient linear flow, completion pressure losses (between sandface and bottomhole), and the onset of intrafracture interference (internal SRV depletion). Parameters determined from the analyses are key indicators of the combined result of reservoir quality and hydraulic-fracture performance. Results of this multiwell cross-play study provide information about both interplay and intraplay variability and commonality.

Narayan Nair is a leader in Object Reservoir's technology development and directly participates in the R&D for formulating practical and fast methods for analyzing well performance in shale plays. In this capacity and during his four years' experience with Object Reservoir he has analyzed several hundred wells in the Haynesville, Woodford, Horn River, Montney, and Marcellus Shale plays, focusing on improving capital and operational efficiency for shale well operators.

Nair has an MSE and PhD in petroleum engineering from the University of Texas at Austin.

Mark Miller has nearly 38 years of experience as a petroleum engineering practitioner and educator, specializing in reservoir engineering, reservoir simulation, the reservoir engineering aspects of natural gas and naturally fractured reservoirs, thermal oil recovery, and petrophysics. After working for Getty Oil Company in a variety of petroleum engineering capacities, he earned a PhD in petroleum engineering from Stanford University. Miller subsequently served on the petroleum engineering faculty of the University of Texas at Austin until establishing a consulting practice in 2001.



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 **Power That Lasts™**



Pegasus Vertex, Inc.

Drilling Software
Sophisticated yet Simple

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

Society of Petroleum Engineers
TRAINING COURSES
Setting the standard for technical excellence.

Relevant.

Reliable.

Rewarding.

Courses are available for all levels of professionals.

Attend an SPE training course coming soon to the Houston training center. Learn new methods, techniques, and best practices to solve the technical problems you face each day. Be sure to visit our website to view the complete listing of available courses.

7–8 May	Asset Management—Tools, Process, and Practice	Alok Jain
5 June	Horizontal Well Completions	Sid Banerjee, Aaron Burton

New! Save USD 300 when you register and attend these training courses combined. For details, view the course descriptions online.

21 June	Unconventional Gas Fundamentals	Steve Hennings
22 June	Shale Gas Development	Steve Hennings

Register today—go to www.spe.org/training.



Get the current schedule—wherever you are. Scan here with a QR code reader.

Society of Petroleum Engineers



PERMIAN BASIN

LWD Borehole Imaging Enhances Completion Design for More Production and Reduces Risk

Speaker:	Mike E Rosenmayer Baker Hughes
Date & Time:	11:30 a.m. - luncheon Tuesday, May 15
Location:	Westlake Club 570 Westlake Park Blvd Houston, TX 77079
Cost:	\$35 per member preregistered \$40 for nonmembers preregistered Additional \$5 for walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Friday, May 11

Logging-while-drilling (LWD) borehole imaging enables a clear, concise 20/20 360-degree view of the borehole structural and sedimentary geology that other services, i.e., gamma ray imaging and seismic, cannot deliver. This enables a very intelligent completion design where faults are avoided that waste huge amounts of pumping-services energy. LWD borehole imaging also enables targeting areas of completion such as brittle or fractured areas. This will bring back great return from the completion investment and can save the customer money by avoiding poor-return areas of very malleable/ductile rock.

The LWD tools are typically a laterolog type of resistivity measurement and can be deployed in wells drilled with water-based drilling mud ranging from a brine to fresh water. The drilling fluids companies are also bringing to market new synthetic oil-based mud substitutes that can enable this service delivery in wells formerly drilled with oil-based mud. LWD borehole imaging also enables you to avoid offset-induced fractures from the neighboring wells' completion job.

We will review a generic probabilistic value model showing a range on return on investment and the financial potential it can offer. A risk/reward profile will be reviewed showing how it is heavily skewed toward the return and reveals minimal risk exposure.

Mike E. Rosenmayer received his BSE in geological engineering from the University of Missouri Rolla in June 1982 and a BSE in petroleum engineering from the University of Oklahoma in December 1983. He went on to Schlumberger Wire Line Services for the next 7 years as an Open Hole Engineer and Geosciences Advisor for the US Land and Gulf of Mexico Offshore group. In 1991, Rosenmayer was made Manager at Schlumberger's Lognet Hub, a remote rigsite data-delivery service. During 1997-2001, he was the Data Management Project Manager for Schlumberger's GeoQuest. After leaving Schlumberger in 2001, Rosenmayer became a Manager with Baker Hughes overseeing their WellLink/BEACON Digital Oilfield Services Remote Rig Site Data Delivery and Real Time Remote Witnessing program. He is currently the US Land Business Development Manager LWD & Formation Evaluation for Baker Hughes.

Advanced Drilling Mechanics Solutions

DrillScan
www.drillscan.com

Houston Office
2000 South Dairy Ashford, suite 420
Houston, TX 77077
Phone: +(1) 281-679-6370
contact-usa@drillscan.com

Software, Expertise, Services, Training

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

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® Technologies, Inc.

*Focused on Energy.
Dedicated to Service & Safety.*



tetratec.com

© 2011 TETRA and the TETRA logo are registered trademarks of TETRA Technologies, Inc. All Rights Reserved.

Celebrating 30 Years

SPT GROUP



The 4th International Round Table on

OLGA

for Wells

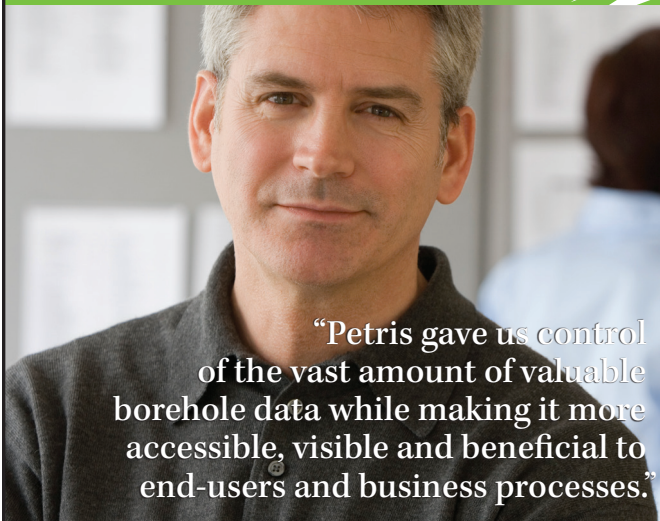
Hilton Post Oak, Houston
June 5-6 2012

SPT Group is pleased to announce that the 4th International Round Table on OLGA for Wells will be held in Houston, Texas, USA. Please visit our website for more information: www.sptgroup.com

www.sptgroup.com

SPT GROUP

Take Advantage of Petris...



“Petris gave us control of the vast amount of valuable borehole data while making it more accessible, visible and beneficial to end-users and business processes.”

Borehole Data Management Solutions

Collected over a long period of time and at significant cost, borehole data is essential to effectively maximize existing reservoirs, explore for additional energy sources and drive growth for your company.

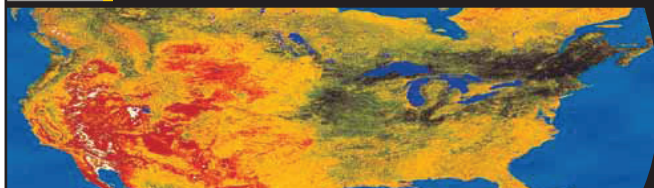
Integrated Solutions for Drilling,
Production and Operations Management

PETRIS

www.Petris.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

Reservoir Engineering Technology Symposium

Friday, May 11
Hess Tower, 1501 McKinney
Houston, Texas

\$75 – Preregistered SPE Members
\$100 – Non SPE Members & Walkins
\$25 – Students (must preregister)

Registration deadline: Tuesday, May 8, 2012 at 11:30am

Come see the latest in Reservoir Engineering topics at this one day symposium hosted by the Reservoir Study Group.

Session 1

Reserves

Incorporating Judgement and Transparency Into Reserves Evaluation
Ron Harrell, Ryder-Scott

Demonstrating Reasonable Certainty under Principles Based Oil and Gas Reserves Regulations
Rod Sidle, Texas A&M

Session 2

Well/Formation Testing

Moving from Vision to Reality: The State of Optimal Value Testing
Hani Elshahawi, Shell

Mechanistic Rate Decline Analysis in Shale Gas Reservoirs
George Stewart, Weatherford

Mini-frac Tests as a Valuable Tool for Initial Reservoir Pressure in Tight Sands and Shale
Martin Santo, Fekete

Session 3

Shale Oil/Gas

New Algorithms and Integrated Workflow for Tight Gas and Shale Completions
Craig Cipolla, Schlumberger

Probabilistic Reservoir Simulation WF and Unconventional Resource Play: Bakken Case Study
Sunny Luo, Hess

Case History of the Fayetteville Shale Completions
Karen Olsen, Southwestern Energy

Session 4

EOR

Understanding Foam Flow with a New Foam EOR Model Developed from Laboratory and Field Data of the Naturally Fractured Cantarell Field
Jim Erdle, CMG

Enhanced Oil Recovery Pilot Testing Best Practices
Chuck Wattenbarger, ExxonMobil

Attendance at the Reservoir Technology Forum will count for 6 hrs toward Continuing Education Credits.

A NEW Performance Frontier!

Number of Cores	Acceleration Factor
1	1.00
2	2.00
4	4.00
8	8.00
16	14.00
32	16.00

tNavigator™
Dynamic Reservoir Simulations
> Runtime interactive

Fully Utilizes Dual 8-core Intel® Xeon® E5 2600
Cluster performance on a Desktop
NO license FEES for EXTRA CORES

Contact us for a **FREE TRIAL** www.rfdyn.com

** Specific performance gains depend on the model and may differ.*

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
or call
713-849-9911

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

DRILLING, FIREFIGHTING AND BLOWOUT SPECIALISTS

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

Polar Star™

Oilfield Consultants

Guiding your projects along the right path

Call us for help with:

Downhole equipment designs	Marketing plans
Completion design development	Sales collateral
Equipment selection	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

Understanding the Roles of Inflow-Control Devices in Optimizing Horizontal-Well Performance

Speaker:	Ding Zhu Texas A&M University
Date & Time:	11:30 a.m. - luncheon Thursday, May 24
Location:	Courtyard on St. James 1885 St. James Place Houston, TX 77056
Cost:	\$35 per member preregistered \$40 for nonmembers preregistered \$45 Walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Tuesday, May 22

The need to produce oil and gas efficiently, economically, and in an environmentally friendly manner has promoted the development of long extended-reach horizontal and multilateral wells, which enable greater reservoir contact and lower drawdowns to achieve similar rates as conventional wells. However, this increased wellbore length has led to uneven drawdown distribution along such a well, often leading to early breakthrough of water or gas, and causing reduction in oil recovery and uneven sweep of the drainage area. The problem becomes more severe when a heterogeneous reservoir is involved.

To eliminate this problem, flow-control devices have been used widely as a part of completion to control and optimize individual well or overall reservoir performance. The purpose of flow-control devices is to equalize inflow along the length of the wellbore regardless of location and permeability variation; thus, the entire length of the wellbore can contribute to the total production and, thereby, optimize hydrocarbon recovery. They also help prevent annular flow that can often lead to plugging and erosion of screens. Inflow-control devices are choking devices that balance inflow by adding an additional pressure drop at the sandface. They are designed to apply a specific differential pressure at a certain flow rate. The presentation will investigate how and when an inflow-control device should be used. Two conditions that result

in uneven flow distribution, wellbore pressure drop, and heterogeneity of the formation, will be addressed. The focus will be on when and how an inflow-control device can optimize production.

Ding Zhu is Associate Professor and holder of the WD Von Gonten Faculty Fellowship in petroleum engineering at Texas A&M University. Zhu's main research areas include general production engineering, well stimulation, and complex well performance. She is a coauthor of more than 80 technical papers and the SPE book *Multilateral Wells*. She has been a chairperson and a committee member for many SPE conferences and events and a technical editor for *SPE Production and Operations* journal.



Zhu received a BS degree in mechanical engineering from the Beijing University of Science and Technology, and MS and PhD degrees in petroleum engineering from the University of Texas at Austin.

Optimizing Gas / Gas-Condensate Fields
Reservoir Engineering & PVT/ Compositional
Reservoir Simulation and Integrated Asset Modeling (IAM)
Consulting and Training



Avasthi & Associates, Inc.
Worldwide Petroleum Consulting

Phone: +1-281-359-2674
Fax: +1-281-754-4969
Jay.Avasthi@AvasthiConsulting.com

www.AvasthiConsulting.com

www.GeoSteering.com

Realtime and 24/7
GR to Quad - Combo

USA & International Operations
Eagle Ford, Granite Wash, Woodbine, Permian, etc.
Middle East, Europe, Latin America, China, etc.

281-573-0500 info@geosteering.com



Gulf Coast Section

SPORTING CLAYS TOURNAMENT SPONSORSHIP FORM FRIDAY, JUNE 8, 2012

In order to receive full advertisement benefit of your sponsorship, your sponsorship form and payment must be received by May 1st, 2012.

- \$7,500.00 _____ **Diamond Sponsor:** As a diamond sponsor, your company will be recognized as a **Corporate Sponsor** of the tournament and the company name will appear on the sponsor board. Your sponsorship entitles you to four (4) complimentary teams in the tournament and V.I.P. parking.
- \$5,000.00 _____ **Platinum Sponsor:** As a platinum sponsor, your company name will appear on the sponsor board. Your sponsorship entitles you to two (2) complimentary teams in the tournament and V.I.P. Parking.
- \$3,500.00 _____ **Gold Sponsor:** As a gold sponsor, your company name will appear on the sponsor board. Your sponsorship entitles you to one (1) complimentary team in the tournament and V.I.P. parking.
- \$2,000.00 _____ **Silver Sponsor:** As a silver sponsor, your company name will appear on the sponsor board. Your sponsorship entitles you to V.I.P. parking.
- \$1,500.00 _____ **Bronze Sponsor:** As a bronze sponsor, your company name will be on the sponsor board. Your sponsorship entitles you to V.I.P. parking.

SPECIAL SPONSORSHIP LEVELS

- \$5,000.00 Sold _____ **Trophy Sponsor (limited to 1):** As a trophy sponsor, your company name will appear on the sponsor board and on each trophy awarded.
- \$5,000.00 _____ **Entry Gift Sponsor (limited to 3):** As an entry gift sponsor, your company name will be on the sponsor board and on entry gifts (to be determined by committee) handed out to each shooter.
- \$2,000.00 _____ **Shuttle Cart Sponsor (limited to 3):** As a shuttle cart sponsor, your company name will appear on the sponsor board and on the shuttle carts used at the tournament.
- \$1,200.00 _____ **Shotgun Sponsor:** As a shotgun sponsor, your company name will appear on the sponsor board. *Your sponsorship entitles you to personally present the shotgun on stage at the tournament to the winner.*
- \$1,000.00 _____ **Shooter # Sponsor:** As a Shooter # Sponsor, your Company name will appear on each Competitor # that all participants will display.
- \$1,000.00 _____ **Scorecard Sponsor:** As a scorecard sponsor, your company name will be on the sponsor board, competitor #, and on each scorecard.
- \$500.00 _____ **Corporate Sponsor:** As a corporate sponsor, your company name will be on the sponsor board.
- \$500.00 _____ **Hospitality Tent Sponsor (limited to 5):** As a hospitality sponsor, your company name will be on the sponsor board. As part of your sponsorship, you will be allowed to set up at or near the pavilion to provide one of the following: (1) Breakfast, (1) Lunch, (2) Drinks, or (1) Gun Cleaning Services.
- \$250.00 _____ **Station Sponsor:** As a station sponsor, your company name will appear on the sponsor board. As part of your sponsorship, you will be asked to set up a tent at an assigned station to provide refreshments for shooters throughout the day.

All sponsorship levels will receive next year's tournament information approximately one month before the general membership mail-out.

Please check the level of sponsorship you wish to choose. All sponsors receive preference on shooting times when possible. All profits will be used for SPE-GCS scholarships, local charities, community service projects, and member services.

Company: _____ Contact Name: _____

Mailing address: _____ Phone(_____) _____

City/State/Zip: _____ Fax(_____) _____

AmEx/MC/Visa/Discover Card #:(Circle one) _____ Expiration Date _____

Full Name (as it appears on card) _____

Signature _____ Email _____

Enter total amount to be charged to credit card \$ _____ *Cardholder's email address is required for all credit card payments.*

Sponsorship Committee Chairperson:
Greg Rachal
MI-Swaco a Schlumberger Company
713-628-3341 grachal@slb.com

Bakken Formation of Eastern Williston Basin: Impact of Completion System, Staging, and Hydraulic Fracturing Trends

Speaker:	Bill Holcomb Baker Hughes
Date & Time:	11:30 a.m. - luncheon Wednesday, May 16
Location:	The Westlake Club 570 Westlake Park Blvd Houston, TX 77079
Cost:	\$35 per person preregistered \$40 per person walk-in
Registration:	www.spegcs.org
Deadline:	Noon, Monday, May 14

*Please print and bring credit card receipt
if paid on-line*

This presentation will review the results of a study undertaken to analyze well completion parameters and production data for over 400 Bakken wells in the greater Sanish-Parshall area of North Dakota. The study employed Geographical Information System pattern-recognition techniques along with other data-mining techniques to interpret trends in the datasets. The study incorporated datasets from the North Dakota Industrial Commission O&G Division, public data, and in-house proprietary data.

The study examined trends in the production results for wells completed with frac sleeves and packers, plug-and-perf, and complex completions in an effort to identify differences in productivity and the completion parameters that may have contributed to same. Parameters that were studied, in addition to the type of completion, included frac fluid types and quantities, proppant types and quantities, number of stages and stage lengths, and perforation cluster spacing and length. All parameters analyzed were examined for statistical significance.

The results are significant in that they show that the application of practical data-mining techniques to an intermediate-size shale oil well dataset can reveal key learnings that may not be apparent when working with smaller datasets. The study employed merged reservoir quality proxies, well architectures, completion data, and

stimulation data against which production results were placed in the geographical perspective of the Bakken formation for added interpretive value. The results can be employed in the selection of completion systems on the basis of completion time and cost balanced against the production impact of the different systems (frac sleeves, plug-and-perf, and complex systems).

Bill Holcomb is a Senior Applied Engineer for Baker Hughes in their Applied Reservoir Technology group in Tomball, Texas. Holcomb has 37 years of oilfield experience involving conventional sandstone reservoirs in the Rocky Mountains to Gulf Coast frac packs to international experience in the North Sea and China. He has specialized in the application of hydraulic fracturing in both conventional and unconventional reservoirs.

Holcomb received a BS degree in chemistry from Texas A&M University and did additional post-graduate studies at the University of Alabama. Prior to joining Baker Hughes, he worked for BJ Services, Smith Energy Services, and the Western Company of North America, serving in numerous technical, operations, and management roles.



TIW

www.tiwttools.com

DRILLING AND COMPLETION SOLUTIONS



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
OR CALL: (281) 870-8455 IN HOUSTON



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

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
 Web: www.tgsnopec.com/welldata



www.tgsnopec.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 **Schlumberger**



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 wellsite 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
SelectEnergyServices.com



The Proof is in the Projects.

First Spar
 Gulf of Mexico
 Viosca Knoll
 1998

Deepest Spar
 Gulf of Mexico
 Mississippi Canyon
 2006

Longest Extended Reach
 Gulf of Mexico
 Viosca Knoll
 31,000 feet

17,000 psi BHP
 Garden Banks

Longest Deviation
 Gulf of Mexico
 80° Angle
 for 20,000'
 Viosca Knoll

Names you can count on.



Benoit

Steel Service Oilfield Tubular Inc.
 8138 E. 63rd St.
 Tulsa, OK 74133
 918-286-1500
info@steelserviceoilfield.com
www.steelserviceoilfield.com

Benoit Machine LLC
 P.O. Box 1419
 Houma, LA 70361
 985-879-2487
tubulardept@benoit-inc.com
www.benoit-inc.com

Roughneck Camp

June 28, 2012

Roughneck Camp (RNC) is an annual one-day conference focused on welcoming students, interns, technical professionals, and new members to the oil industry. Roughneck Camp 2012 will have a panel discussion, technical and career development sessions with presentations by industry leaders and networking opportunities to hundreds of young professionals.

For: Interns & Young Professionals with less than 5 years of oil industry work experience

Theme: *Pushing the Limits*

Venue: Schlumberger- WesternGeco, 10001 Richmond Ave, Houston, TX 77042

Sponsors: Statoil, Chevron, Hess, Baker Hughes, Rice University Jones Graduate School of Business

Networking Social: Sherlock's Baker Street Pub

Exciting Door Prizes!!!

Event contact, RNC Chairs : Sathish Kulathu, skulathu@sanchezog.com & Jeffery Darakhshan, jdarakhshan@slb.com

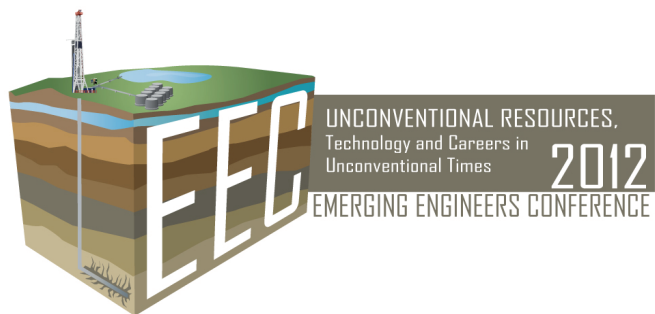
The Emerging Engineers Conference (EEC) is an annual conference specifically for young professionals. It is a forum to explore topics that will shape and develop their careers. EEC will feature multiple technical topics, soft skills presentations, career development talks, emerging industry technology and two panel sessions – “The Future of Energy” and “Continuing Education Without Quitting: The Options of Today.”

Visit conference website for more information

<http://www.spegcs.org/EEC/>

Emerging Engineers Conference

July 26-27, 2012



For: Industry Professionals with less than 10 years of oilfield experience

Venue: Weatherford's New Building, 2000 St. James Place, Houston, TX 77056

Golf Tournament: WindRose Golf Club, 6235 Pine Lakes Boulevard, Spring, TX 77379

Cost: Before July 1st – CONFERENCE ONLY: \$100, CONFERENCE AND GOLF: \$140

After July 1st – CONFERENCE ONLY: \$120, CONFERENCE AND GOLF: \$160

Poster Session: *Abstracts for technical poster session now accepted...Great prizes!*

Sponsors: Weatherford, Statoil, Hess, Baker Hughes, Rice University Jones Graduate School of Business

Event Contact, EEC Chairs: Simeon (Simeon.Eburi@chevron.com) & Carlos (Carlos.Hernandez@chevron.com)

YP Networking Event: 2 Step Dance Lessons!

Date, Time, Location, Cost: May 9, 2012, 5.30 PM to 7.30PM, Wild West on Richmond, \$3 (Girls) & \$6 (Guys)
Finger Food Provided! Drink Specials! Dance Lesson until 7PM! Bring your friends!

Event Contact, Pavitra Timbalia (pavitra.a.timbalia@exxonmobil.com)

DOES YOUR PRODUCTION NEED A LIFT?



Whether it is a deep water gas lift project in the Gulf of Mexico or a project half way around the world Lufkin International Lift Systems commitment to excellence sets a new standard with artificial lift. Lufkin expertise offers the best technical design, installation, and optimization to maximize the production of your well. We offer a full line of Gas Lift products and solutions engineered and manufactured to withstand the harsh environments onshore and offshore production.

To learn more about the impressive results we are providing, contact Lufkin International Lift Systems.

LUFKIN

LUFKIN.COM/GASLIFT
ils@lufkin.com
866-540-7676

The Energy Flows Through Us™



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


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



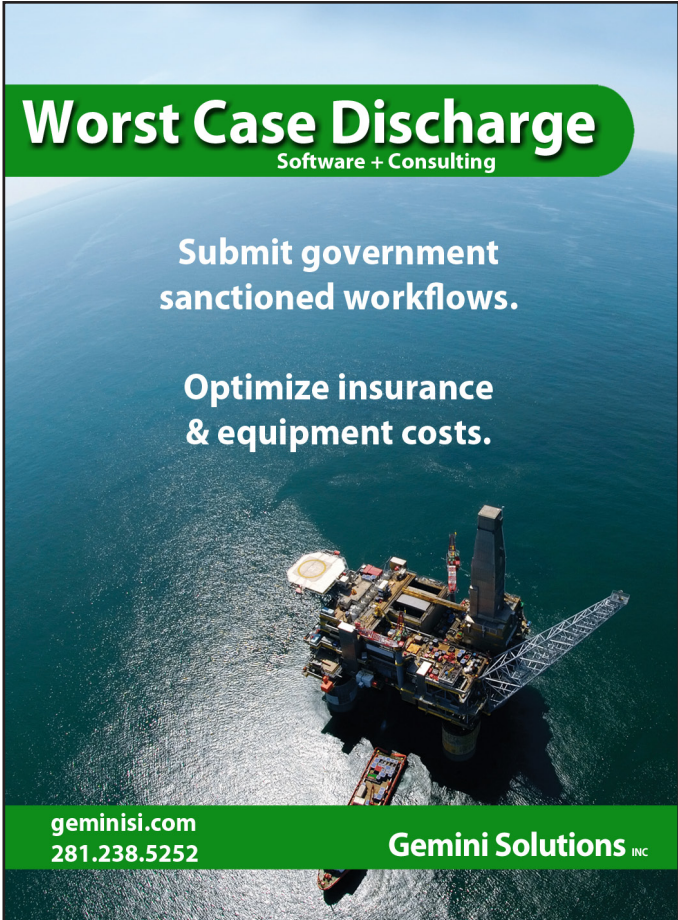
www.cuddwellcontrol.com • +1.713.849.2769

Worst Case Discharge

Software + Consulting

Submit government sanctioned workflows.

Optimize insurance & equipment costs.



geminisi.com
281.238.5252

Gemini Solutions INC

OFFICERS

Chair	Hiep Vu	Shell	281-544-3171	Hiep.Vu@shell.com
Vice-Chair	Steve Baumgartner	Marathon Oil Corporation	281-296-3190	sbaumgartner@marathonoil.com
Secretary	Robert Bruant, Jr.	BP America, Inc.	281-366-2157	Robert.Bruant@bp.com
Treasurer	David Tumino	Murphy Oil Corporation	281-717-5123	tuminospe@hal-pc.org
Vice-Treasurer	John Medler	Schlumberger	713-560-8663	jmedler@slb.com
Career Management	David Flores	Lucas Energy, Inc.	713-528-1881	david_p_flores@yahoo.com
Communications	Valerie Martone	Anadarko	832-636-3196	valerie.martone@anadarko.com
Community Services	Xuan Harris	Consultant	832-444-5143	xuan.harris@gmail.com
Education Coordinator	Rey Saludaes	Anadarko	832-636-4881	rey.saludaes@anadarko.com
Membership	Jeanne Perdue	PetroComputing	281-568-2723	perduejm@comcast.net
Programs	Bill Davis	Halliburton	713-839-2312	bill.davis@halliburton.com
Social Activities	Scott McLean	Express Energy Services	713-625-7402	smclean@eeslp.com
Technology Transfer	Russ Neuschaefer	Schlumberger	281-285-1775	rneuschaefer@slb.com
Young Professionals	Andrea Hersey	Momentive	832-421-1903	Andrea.Hersey@momentive.com

DIRECTORS

2010-12 Director	Lucy King	Kinder Morgan CO2 Company	713-369-9017	lucy_king@kindermorgan.com
2010-12 Director	Kim Tran	Energy XXI	713-826-7492	kim.m.tran@gmail.com
2010-12 Director	Chris Reinsvold	Preng & Associates	713-243-2643	creinsvold@preng.com
2011-13 Director	Jeff Whittaker	Welltec	281-398-9355	jwhittaker@welltec.com
2011-13 Director	Marise Mikulis	Baker Hughes	281-275-7288	marise.mikulis@bakerhughes.com
2011-13 Director	Steve Turk	Weatherford	281-260-1300	Stephen.turk@weatherford.com
Past Chair	Mark Peavy	Kinder Morgan CO2 Company	713-369-9149	mark_peavy@kindermorgan.com
Regional Director	Sid Smith, Jr	PolyFlow, Inc.	832-277-8365	ssmith@polyflowinc.com

COMMITTEE CHAIRS

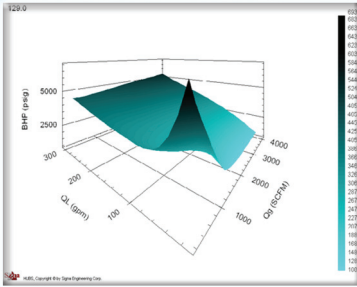
Auxiliary	Paulette Williams	Spouse	281-897-0493	pegwl6209@att.net
Awards	Kim Tran	Energy XXI	713-826-7492	kim.m.tran@gmail.com
Continuing Education	Dorian Hicks	Rice University	713-444-3230	dth1@rice.edu
ESP Workshop	John Patterson	ConocoPhillips	281-221-5298	john.c.patterson@conocophillips.com
Golf	Cameron Conway	KB Machine	281-217-0660	Cconway@kb-machine.com
Internships	Rey Saludaes	Anadarko	832-636-4881	rey.saludaes@anadarko.com
Magic Suitcase	Sean K. O'Brien	Chevron	832-854-3660	sean.obrien@chevron.com
Newsletter	Kim Tran	Energy XXI	713-826-7492	kim.m.tran@gmail.com
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

STUDY GROUP CHAIRS

Business Development	Chris Atherton	EnergyNet.com	713-861-1866	chris.atherton@energynet.com
Completions & Production	Kevin Renfro	Anadarko	832-636-8613	kevin.renfro@anadarko.com
Digital Energy	Carol Piovesan	APO Offshore	949-232-6353	cpiovesan@apooffshore.com
Drilling	Jack Colborn	National Oilwell VARCO	713-346-7393	jack.colborn@nov.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	Shawn McCleskey Rimassa	BASF	713-428-4902	shawn.rimassa@basf.com
Permian Basin	Dan Tobin	ConocoPhillips	832-486-2924	Dan.C.Tobin@conocophillips.com
Petro-Tech	Erica Hudson	ExxonMobil	713-431-1133	erica.s.hudson@exxonmobil.com
Projects, Facilities, Constr.	Bill Kinney	Technip	281-249-2799	wkinney@technip.com
Reservoir	Fady Chaban	HESS	713-496-5795	fchaban@hess.com
Westside	Alex McCoy	Occidental Oil & Gas	713-366-5653	alexander_mccoy@oxy.com

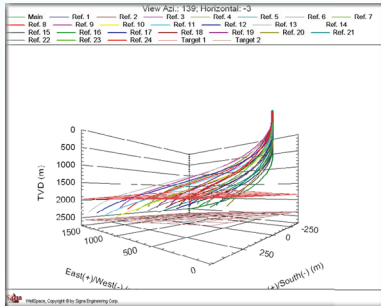
EXTENDED REACH DRILLING?

FREE Test-Drive of Signa's Hydraulics Simulator



- Design conventional & unconventional wells (MPD, UBD, Dual Gradient Drilling)
- Easy to use interface
- Land and offshore
- Vertical, deviated & horizontal wells
- HTHP applications
- Optimize pump rate for hole cleaning

- Pump & choke operation schedule
- Two-stage tripping design
- Surge/swab pressure
- Torque, drag & buckling calculation
- Well trajectory design
- Multi-well anti-collision
- Gas, mist, gasified liquid or mud



Try out ERDS (full version) for free.
 One-month license. Contact Dr. Shifeng "Jack" Tian,
 Signa Engineering Corp., Houston, Texas, USA
 (281) 774-1020, stian@signa.net



www.signaengineering.com

Send invoice payments :



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

May Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2	3	4	5
6	7	8 Northside, p19	9 Cont Ed, p11 Drilling, p17	10 Gen Meeting, p3	11 Reservoir Forum, p23	12
13	14	15 Permian, p21	16 Digital Energy, p15 Westside, p27	17 Board Mtg, p4	18	19
20	21	22	23 Bus Dev, p7 C & P, p9 Awards, p16	24 Reservoir, p25	25	26
27	28	29	30	31	1	2