

Gulf Coast Section

NEWSLETTER



Gulf Coast Section

General Meeting

Value Chain Lab Methodology:
Aligning Operator and Service Company

Technical Meetings & Luncheons

EOR - The Time is Now: Its Contribution to World Oil Supply
Distinguished Lecturer 2010-11

Successfully Stimulating Complex Carbonate Reservoirs
Distinguished Lecturer 2010-11

SPE DIGITAL ENERGY CONFERENCE & EXHIBITION 2011

Drilling Symposium - The Changing Role of Rig Supervision

Permian Basin: Residual Oil Zone Symposium

Social Activities

38th Annual SPE GCS Golf Tournament

YP Networking Social

Chairman's Corner

by Mark Peavy, KinderMorgan CO2
2010-11 SPE GCS Chair

Sometimes in life we reach a point where we feel tired and at times hopeless. It is easy for issues and struggles in life to cause us to lose focus and result in losing sight of the resolve we seek. I wish to encourage the GCS leadership to stay the course. In order to be great leaders, we must stay focused on our resolve and understand that leadership is a gift, a function, a responsibility, and a legacy. Know that leadership is a gift, and not all are called for this higher purpose. For those who are, it is important to understand that it is a blessing to be called to serve others at a higher level. Leadership is a function, not all have the same set of skills, but all can exercise influence in some way, and everyone leads somebody sometime. Leadership is a responsibility, it is a stewardship and a calling to step up and serve. Lastly, leadership is a legacy. A leader goes before others and others follow the trail. So how can we step up the challenge of leadership? The answer is spelled out in six letters: **L-E-A-D-E-R**. First step: **L**ift up the sights of those around us, we should ask those around us to see what we see. Without vision, people will become lost. Two, **E**xpand our influence through service, not to be served, but to serve others using servitude leadership. Three, **A**pply the principle of teamwork to your life. People who make a difference use teamwork. Four, **D**etermine to press on in the face of opposition. Do it with intensity, and diligence. Keep being a leader. We should always keep raising the bar high. Five, **E**xpect and adjust to change. Too many resist change, but the one constant in life is change. Six, **R**isk your life on living for the greater reward. We must believe that what we live for is worth dying for.



Focusing on our resolve requires discipline and consistency. Consistent with the past four year asset spend down strategy, the GCS has successfully placed more money into our existing programs involving merit based scholarships (\$124K incremental) and the Community in Schools Houston (CISH) 'at-risk' scholarship programs (\$91K incremental) during this time. New programs created during the past four years included an endowment to the University of Houston undergraduate PEN department (\$250K), scholarships to the Houston Community college Petroleum Engineering Technology program (\$30K), the Environmental Institute of Houston (\$68K incremental) and the creation and funding (\$129K) for a new venture known as the Collaboration in Houston for the Advancement of Science and Engineering (CHASE) program designed to better educate 8th grade math students. This additional giving has resulted in lowering the GCS section total assets from approx. \$1.5MM to a current level of \$800M, see graph 1. We are now at the point of realigning the GCS educational spending to levels that allow the section to maintain an asset

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

John Oswalt 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	Kartik Ramachandran
Treasurer	Manas Gupta
Features	Buddy Woodroof

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 14,000 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

Value Chain Lab Methodology: Aligning Operator and Service Company Goals & Objectives

Speaker :	Bill Diggons Qittitut Consulting
Date & Time:	11:30 a.m. luncheon Thursday, April 14
Location:	The Petroleum Club 800 Bell Street Houston, Texas 77002
Cost:	\$35 per member preregistered \$40 per nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	5 p.m., Tuesday, April 12

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."

A four-step methodology has been developed to align the operator/service company value chain of operations, procurement, HSE, engineering and manufacturing to improve operational and business objectives. A lab concept is used to offer opportunities for joint analysis, practice and experimentation.

New levels of performance are possible when relevant people, processes, and technologies are linked with agreed rules of engagement and win/learn scenarios.


Bill Diggons is currently the managing partner of Qittitut Consulting. He has 32 years of global experience in oilfield management, marketing and sales, strategy consulting, corporate communications, and energy information technology.



His experience includes 20 years with Schlumberger, two years with SAP, two years with Landmark Graphics, and nine years at Qittitut Consulting.

He has a BS in civil engineering from Cornell University and a degree in marketing management from Columbia Business School.

INTEGRATED PRODUCTION SERVICES



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

www.ipsadvantage.com

Slider
Automated Directional Drilling

GREATLY IMPROVES THE EFFICIENCY OF STEERABLE MOTORS & PROVIDES CONTINUOUS TOOL-FACE CONTROL WHILE SLIDING

IMPROVE YOUR HORIZONTALS

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

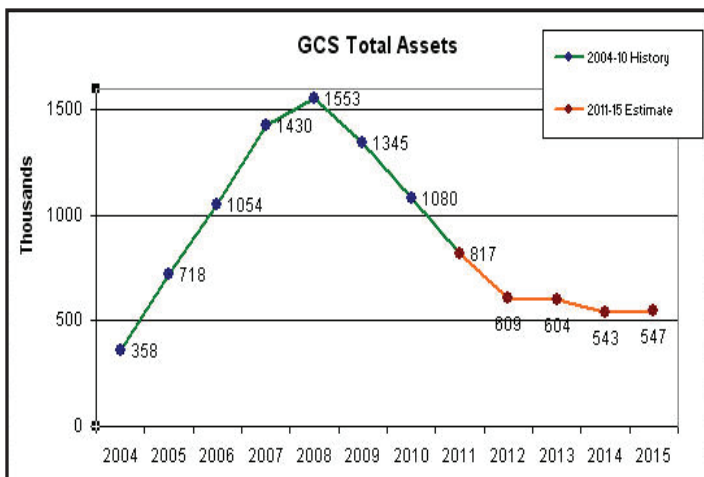
www.slidercorp.com

PATHFINDER
A Schlumberger Company

Continued from page 2

balance of \$500M, the recommended balance target of the GCS BOD. Current Treasury studies indicate that this can be achieved by reducing expenditures by \$80 to \$120K per year beginning in 2011-12.

It is expected that the support of the above mentioned programs will be reduced as needed, unless or until other activities or events provide additional funds. We must remember that the mission of the section is to disseminate technical information to our membership, and a side benefit of the successful execution of this mission is the creation of additional funds which can be used to support these educational programs. So the question I pose to the study group leadership and general membership is: Are there new workshops, venues, and projects that can be implemented to improve the dissemination of technical information that can increase the GCS revenue stream? Two study groups have recently stepped up to the plate with new venues: the Completions and Production and Permian Basin study groups. Each group will be implementing new half- and full-day workshops this spring. While other study groups and committees continue to provide steady income with established events, I'd like to encourage all to strive to expand or create new venues that could become as large as the Digital Energy conference, a local section venue that grew so large it required integration into the SPEI organization.



Graph 1.

Monthly Board Meeting

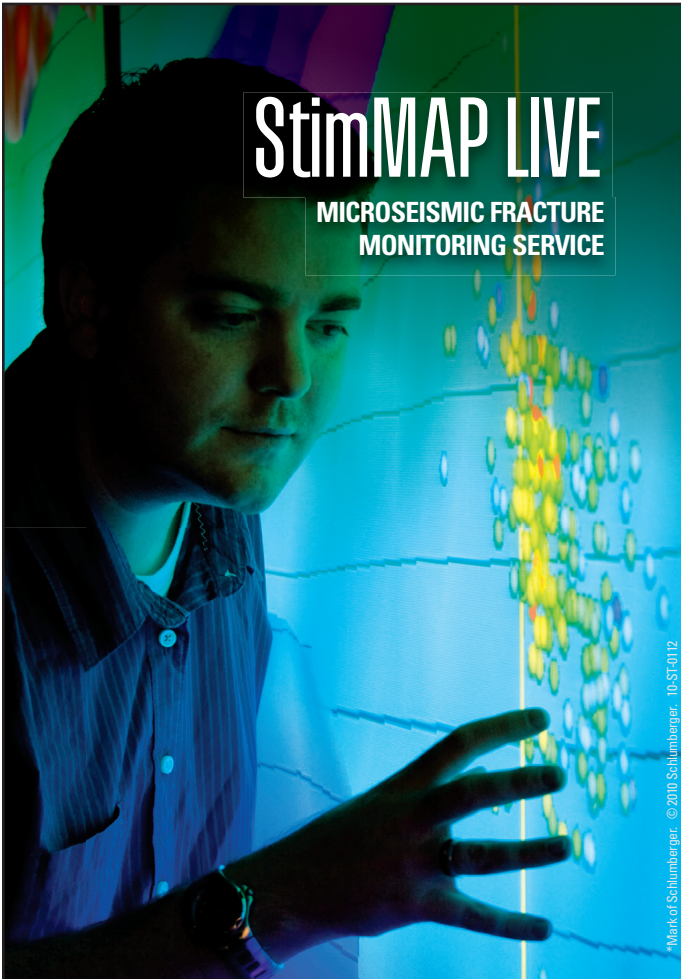
The Gulf Coast Section board of directors meeting will be held from 7:30 to 10:30 a.m., Thursday, April 21 at the SPE Houston office, 10777 Westheimer Road, Suite 1075 (77042). Board meetings are open to any SPE member, but you must register in advance because seating space is limited. If you would like to attend, please register online at www.spegcs.org or contact Sharon Harris at 713-457-6821 or sharris@spe.org.

Monthly Membership Report Gulf Coast Section February 2011

	Feb-11		Jan-11		Dec-10	
	Total	YP (subset)	Total	YP (subset)	Total	YP (subset)
SPE-GCS Members	11,458	2,011	10,344	1,702	14,154	2,675
New Members	181	80	98	54	112	56
Reinstated Members	22	10	10	2	5	2
Transferred to GCS	103	41	75	28	68	24
Transferred out of GCS	102	39	86	24	52	17
Unpaid	3,215	965	2,937	1,213	1,452	483
Student Members	Paid	Unpaid	Paid	Unpaid	Paid	Unpaid
-Texas A&M	539	214	457	242	802	132
-UH/Rice	111	48	73	54	179	58
-HCC	17	7	10	8	24	2
-Unassigned	7	4	6	4	15	6
Total	674	273	546	308	1,020	198
Grand Total Paid/Unpaid	12,132	3,488	10,890	3,245	15,174	1,650
% Paid	77.7%		77.0%		90.2%	

Retraction Statement:

We apologize for the 4,000 copies of the March issue that were sent out with page 14 with an error in printing.



StimMAP LIVE

MICROSEISMIC FRACTURE
MONITORING SERVICE

Mark of Schlumberger © 2010 Schlumberger 10-SC112

Watch your fracture as it grows

Hydraulic fractures are created below the surface, but you shouldn't be in the dark. With the StimMAP LIVE* service, you visualize your fracture—in real time—to optimize its placement and design.

An East Texas operator said, "Utilizing the StimMAP real-time service, we were able to redesign our completion procedures 'on-the-fly' to optimize conditions encountered as we pumped the frac treatment."

We can help improve your fracturing results and well productivity.

www.slb.com/StimMAP

Schlumberger

Volunteer Spotlight



Michael Cherif

This month the Gulf Coast Section would like to recognize the volunteer efforts of a young professional, Michael Chérif, who has played a key role in helping to relaunch the International Study Group.

According to study group chair Philippe Mitterrand, Michael has performed beyond expectations, and his participation and commitment have greatly contributed to the International Study Group's success. After Philippe obtained commitments from potential speakers, Michael took over, packaged their presentations, integrated bios and abstracts, and attended to all the program details. Because he helped achieve a combined attendance of more than 120 for the first two meetings, he was promoted to vice chair of the study group at the young age of 24.

"Michael's great contribution is his uncanny attention to detail, integrity, diplomatic approach, and tireless personal commitment to make the International Study Group a successful endeavor," said Philippe. "My personal opinion is that we will hear great things about Michael impacting both the oil & gas industry and SPE on a global basis."

After earning a BS in civil engineering from Cornell University, Michael joined ExxonMobil Production Company as a reservoir engineer in 2008. Since then, he has performed reservoir surveillance and reservoir simulation for onshore and offshore assets. He has also provided support for the largest carbon capture plant in the world.

Michael is a true believer in the benefits of volunteering. He enjoys participating in public service activities that promote the awareness of science and the energy industry, including the SPE High School Recruiting Fairs, Science Ambassadors and Junior Achievement.

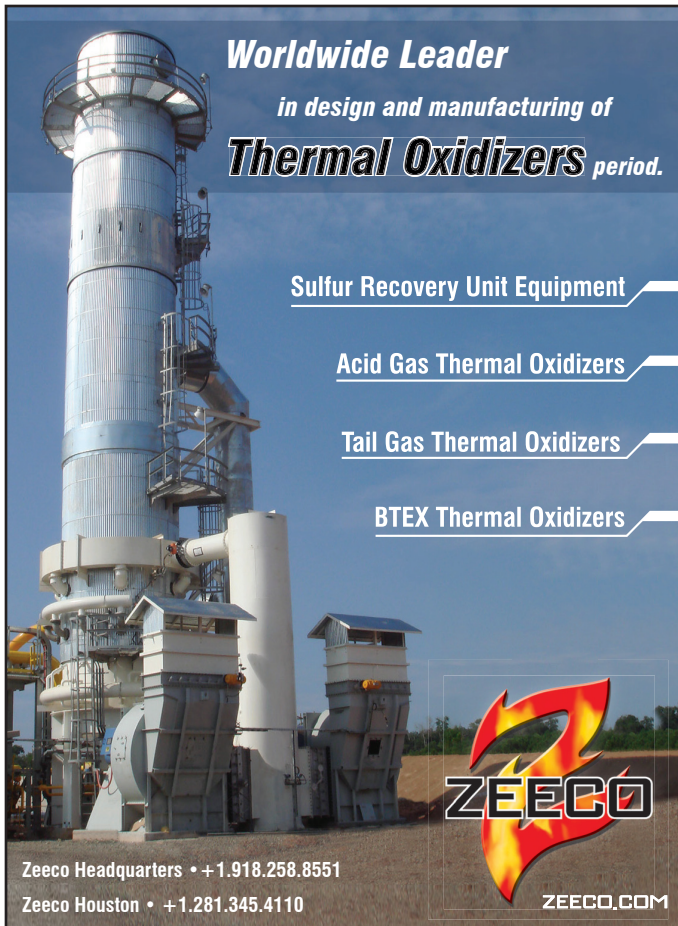

Worldwide Leader
in design and manufacturing of
Thermal Oxidizers *period.*

Sulfur Recovery Unit Equipment

Acid Gas Thermal Oxidizers

Tail Gas Thermal Oxidizers

BTEX Thermal Oxidizers


Zeeco Headquarters • +1.918.258.8551
 Zeeco Houston • +1.281.345.4110

ZEECO.COM

gyrodata

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

Gulf Coast Sales and Operations 24 hour contact
(713) 461-3146 / (832) 667-9450
 or see <http://www.gyrodata.com/>



FMC Technologies

**We put you first.
 And keep you ahead.**

STRESS ENGINEERING SERVICES INC.

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

Engineering Problem Solvers



DESIGN • ANALYSIS • TESTING

Integrated Energy Services, Inc.

Robert Barba
 Petrophysicist

Log Analysis
Industry Short Courses
Completion Optimization
Well Performance Evaluation

(713) 823-8602
 RBarba75@gmail.com
www.Integrated-Energy-Services.com

**Optimize your drilling
 with Hunting
 high-performance
 mud motors**

- Motor sizes from 5" to 9-5/8"
- High torque power sections
- Adjustable bent housing, fixed bend or straight motors
- Multiple stator technologies available
- Proven service quality and reliability



HUNTING

Conroe 936-539-5545 • Oklahoma City 405-631-1222
 Casper 307-265-6550 • Latrobe 724-424-9714
 Dubai 9714-8865799 • Nisku 780-955-7799

© 2010 Hunting (HOS1029/0910) www.hunting-intl.com

Register Now

SPE DIGITAL ENERGY
CONFERENCE | **2011**
AND EXHIBITION

19–21 APRIL 2011
THE WOODLANDS, TEXAS, USA

*With the support
of the SPE Gulf
Coast Section*



Society of Petroleum Engineers

www.spe.org/events/dec

AUXILIARY

April 2011

DATE: Friday, April 8, 2011

TIME: 11:00 AM

PLACE: Houston Arboretum for a Docent-Led Tour
713-682-2539
4501 Woodway Drive 77024

Lunch at McCormick & Schmick's
1151 Uptown Park Blvd.
713-840-7900

COST: To Be Announced

DEADLINE: Tuesday, April 5 (Deadlines are Firm)

CONTACTS:

Nancy Hill
nancyhill2444@sbcglobal.net
281-435-1619

Evelyn Earlougher
earlougher@comcast.net
1-281-419-1328

Karen Mermis
281-290-8924



Handling all of your onshore and offshore pressure pumping needs.

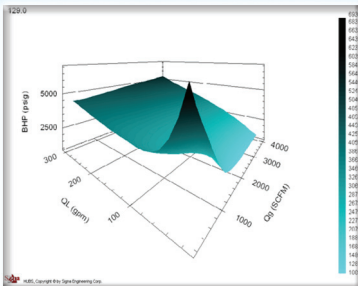


PRESSURE PUMPING SERVICES DIVISION
Cementing, Acidizing, Stimulation, Sand Control and Thermal Services

Houston Sales: 281-999-0047 • www.superiorenergy.com

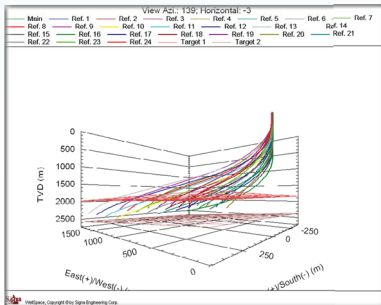
EXTENDED REACH DRILLING?

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

THE RIGHT CHOICE FOR OIL AND GAS ADVISORY SERVICES

RPS

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



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

Completions & Production Study Group

Droshky Field Completions (Green Canyon 244)

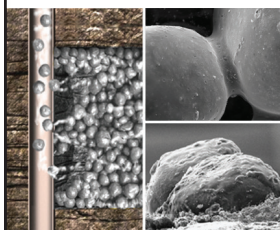
Speaker :	Greg Stimatz Marathon Oil
Date & Time:	11:30 a.m. luncheon Wednesday, April 27
Location:	Greenspoint Club 16925 Northchase (77060)
Cost:	\$35 per member preregistered \$40 for nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Monday, April 25

Marathon's Droshky Field is a four-well subsea development located in the Gulf of Mexico in Green Canyon Block 244 in approximately 2950 feet of water. Three intelligent wells and one conventional stacked well, completed in a total of ten frac-packed intervals, were required to drain the multiple reservoir intervals encountered. The field was brought on production in July 2010, tied back to DOR's Bullwinkle Platform. This presentation will review some of the challenges encountered in the completion design and implementation, including contingency operations. Among the issues faced were long completion intervals (up to 456' gross), working with zinc bromide completion fluid throughout the six-month completion campaign, and extreme fluid loss rates (in excess of 500 BPH).

Greg Stimatz has worked for Marathon Oil Company for 28 years in a variety of production, well testing, and completion assignments. He has been responsible for planning and field implementation in both onshore and offshore fields in the United States and offshore fields in the U.K., Norway, and West Africa. He currently works in Houston as a Gulf of Mexico deepwater completion engineer.

Greg graduated from Montana Tech in 1983 with a BS in petroleum engineering.

The Most Effective Proppants for Shale Fracturing



SPE 135502 provides practical information from field studies and laboratory testing to improve well production in shale reservoirs.

Hexion is now Momentive.

momentive.com/oilfield

MOMENTIVE

Gray Wireline Service, Inc



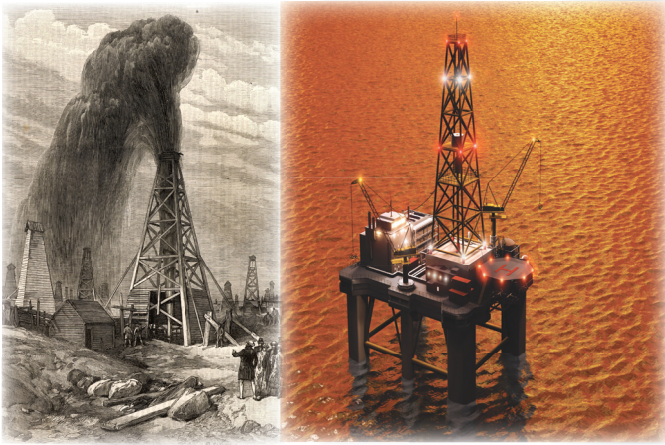
*Cased Hole Logging
Mechanical Services
Perforating Services
Production Logging
Pipe Recovery
Specialty Services
Staged Frac Services
TCP*

Serving the US with 18
Service Locations

Differentiate with a
Touch of Gray!

www.graywireline.com

THEN & NOW



by Buddy Woodroof, ProTechnics
Features Editor

April 1981

It appears that Spain could become a gas exporter, as Eniepsa's gas strike in the Pyrenees is now pegged at 3.5 trillion cubic feet of reserves. • An ENI report calls for much of West European refining and petrochemical capacity to eventually move to Middle East exporters in exchange for long-term, guaranteed crude supplies, which could diminish considerably the American clout in world petroleum markets. • The mood in Canada remains grim, as the Canadian Association of Oilwell Drilling Contractors reports that 114 drilling and 16 service rigs have left the country since Fall and more are expected to follow. • An Exxon vice president declares that the majority of oil companies agree that half of the oil still to be found in the U.S. is on or offshore Alaska and that American dependence on foreign crude could be slashed from 40% to 17% by the turn of the century, with Alaska leading the cut. (Didn't count on the Bakken did you?)

U.S. active rig count – 3,628

April 1991

Four of approximately 600 wells burning in Kuwait, thanks to Saddam Hussein, have now been extinguished and the enormity of the project is just beginning to be felt. • Environmental studies indicate that damage from the Exxon Valdez oil spill will last longer than first thought, in part because the spraying of the beaches with pressurized hot water ended up killing marine organisms. • While BP expands its strategic alliance with Statoil covering joint R&D and international exploration, it continues to shop its Tex/Con Oil & Gas unit, one of its BP America units. • The U.S.S.R. is reportedly negotiating to enter the ship demolition and scrapyards business, as new design criteria force tanker owners to scrap

many older vessels. (This new Soviet venture has been nicknamed the "Red Fox Project.")

Light sweet crude oil - \$21.49/bbl
U.S. active rig count – 835

April 2001

The EIA forecasts 59% growth in worldwide energy consumption by the year 2020, with half of the projected growth to occur in the developing nations of Asia and Latin America. • Royal Dutch/Shell's run at Barrett Resources is just the beginning of another round of mergers and acquisitions according to a Wall Street energy investment conference. Other companies believed to be under the watchful eye of majors include: Burlington Resources, Devon Energy, Evergreen Resources, Forest Oil, and Triton Energy. • The U.S. active rig count reaches its highest level in over ten years with 1,198 rigs working. • The Girassol FPSO, the world's largest floating production, storage, and offloading unit sets sail for Angola where it will employ its 200,000 bbl/ day production capacity and 2 million bbl storage capacity at the Girassol field.

Light sweet crude oil - \$28.05/bbl
U.S. active rig count – 1,198

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.

At some point the Richardson's briefly relocated to Mineral Wells, where Sid's sister Annie began dating a sharp young doctor named E. P. Bass, who was to have a profound influence on Richardson's life. In 1909 after the family returned to Athens, Bass married Annie Richardson. Bass proved his merits after Richardson was badly injured when a buggy he was driving overturned, crushing his left leg below the knee. Doctors wanted to amputate the leg, but Bass managed to save it during an operation in which he removed two inches of bone and built a "trough" to connect the remnants. In time Richardson learned to walk unaided, but for the rest of his life he limped. He developed a walk involving taking long steps with the left leg and short steps with the right, thus lessening the extent of his limp. He claimed that the swinging walk of his was his own adaptation.

In September 1910 Richardson enrolled at Baylor University in Waco, but after two semesters of classes he did not return. In the Fall of 1911 he enrolled at Simmons College in Abilene. It is said that he was a bright but lazy student, more

interested in whiskey than classwork.

The dean of students continually lectured to him that he was squandering his abilities and that he had the brains and the personality to do whatever he wanted to do, but that he must lay aside his foolish ways and set his heart on becoming a man.

There is ample evidence that Richardson was a heavy drinker, which likely explains his tendency to engage in fistfights. Once, explaining why he disliked the game of golf, he quipped that the one and only time that he had played a complete eighteen holes, he had to drink an entire bottle of bourbon to get through it. His full-time carousing came to an abrupt end in 1912 when his father died. Suddenly there was no more money available for Richardson's "education." His brother-in-law, Doc Bass, was dabbling in the oil business, and it was probably on Bass's suggestion that Richardson decided to try working in the oil field.

Next month, Richardson tries his hand as an oil scout, a cattle trader, and an oil trader. (Article excerpted from "The Big Rich.")

History Quiz

What two critical wartime commodities were targeted for expanded production thanks to Standard Oil's development of the first fluid catalyst refining unit in 1942?

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

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

Answer to March's Quiz

The German immigrant who funded the building of the first commercial American-built diesel engine was Adolphus Busch.

Answer to February's Quiz

When Standard Oil was dissolved, it was done on a state-by-state basis. The present day operator that results from a merger of the companies that were originally Standard Oil of New York and Standard Oil of New Jersey is ExxonMobil.

Congratulations to February's winner – Bill Carpenter, who also corrected our erroneous reference to Al Gore, Jr. (of internet and global warming fame) as being the out-going senator on the Senate Finance Committee in February 1971. That was actually Al Gore, Sr., the father of the aforementioned. Thanks for setting us straight, Bill.

PetroSkills®

IN TODAY'S INDUSTRY ENVIRONMENT, IT IS MORE IMPORTANT THAN EVER TO BUILD AND SUSTAIN A COMPETENT WORKFORCE, WHILE ENSURING YOU GET A RETURN ON YOUR INVESTMENT. PETROSKILLS COURSES, DIRECTED BY THE INDUSTRY, CAN DO JUST THAT. IN ADDITION TO THE COURSES BELOW, WE WILL OFFER HUNDREDS OF SESSIONS AT OUR PETROSKILLS CONFERENCE CENTER IN THE HOUSTON AREA.

Introductory and Multi-Discipline

- Basic Drilling, Completion and Workover Operations, 11-15 Apr
- Operating Company/Service Company Dynamics: How E&P Gets Done, 27-29 Apr **NEW**
- Overview of the Petroleum Industry, 5-6 May

Geology, Geophysics and Petrophysics

- Applied Rock Mechanics, 4-6 Apr
- Compressional and Transpressional Structural Styles, 4-8 Apr
- Well Log Interpretation, 4-8 Apr
- Wireline Formation Testing and Interpretation, 4-8 Apr
- Mapping Subsurface Structures, 25-29 Apr
- Foundations of Petrophysics, 25-29 Apr
- Seismic Velocities and Depth Conversion, 25-29 Apr

Drilling, Completions, and Production

- Basic Drilling Technology, 28 Mar – 1 Apr
- Casing and Cementing, 28 Mar – 1 Apr
- Managing Wellsite Operations, 4-8 Apr
- Direction, Horizontal, and Multilateral Drilling, 11-15 Apr
- Practical Drilling Skills, 25-29 Apr
- Production Operations 1, 25 Apr-6 May
- Hydraulic Fracturing Applications, 25-29 Apr

Reservoir Engineering

- Oil and Gas Reserves Evaluation, 28 Mar – 1 Apr
- Well Test Design and Analysis, 11-15 Apr
- Applied Reservoir Engineering, 25 Apr – 6 May

Petroleum Business

- Fundamentals of International Oil and Gas Law, 11-15 Apr

HSE

- Basics of HSE Management, 4-8 Apr
- Risk Based Process Safety Management, 11-15 Apr

For dates and descriptions on these, or any of our courses held worldwide, please visit us online at www.petroskills.com.

Or you can contact Patty Davis, Houston Account Manager (832) 426-1203 pdavis@petroskills.com

Mechanical Design Full-Scale Testing Services Data Acquisition
Engineering Support Test System Design



MOHA ENGINEERING DIVISION
a division of **STRESS ENGINEERING SERVICES INC.**

www.mohreng.com **We Provide Solutions!** (281) 469-2177



PPI Technology Services Results Driven Project Management

713-464-2200 www.ppitech.net

PROFESSIONAL REGISTRATION REVIEW COURSES FOR PETROLEUM ENGINEERING

COURSE DESCRIPTION: The Course covers most topics that are found on the Texas State Board Petroleum Engineering Professional Examination.

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall.

HOUSTON COURSES (8:00 AM - 5:00 PM)
Monday through Friday
I August 22 thru 26, 2011
II October 1 thru 5, 2011

For More Information:
405-822-6761
E Mail: bingwines@aol.com
Web Site: winrockengineeringinc.com

WINROCK ENGINEERING, INC.
P. O. BOX 42296
OKLAHOMA CITY, OK, 73123

Natural Gas Hydrates In Flow Assurance

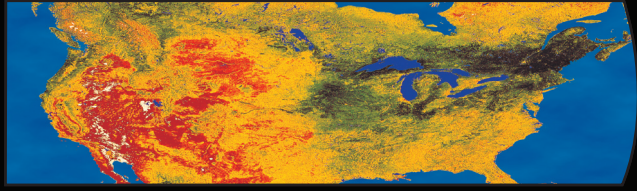
Colorado School of Mines
Golden, Colorado
May 18-20, 2011

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://www.mines.edu/Educational_Outreach**

PHDWINTM 2.8
Integrated Economics & Decline Curve Software



Even More Powerful With PHDRMSTM

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

Continuing Education

Oil Patch Orientation

Speakers : **John Farina**, Consultant
Ron Hinn, PetroSkills
Susan Howes, Chevron
Ken Arnold, Consultant
Marty Stetzer, Consultant

Date & Time: 8:30 a.m. - 5:30 p.m.
Thursday, April 21

Location: Hilton Houston North Hotel
12400 Greenspoint Drive
Houston, Texas 77060

Cost: \$300 per member preregistered
\$350 for nonmembers and walk-ins

Registration: www.spegcs.org
Deadline: Noon, Tuesday, April 19

No refunds one week prior to the event.

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.

Take Advantage of Petris...




Introducing Operations Management Suite™

Integrated Solutions for Drilling,
Production and Operations Management

PETRIS
www.Petris.com


**PREMIER INDUSTRY EVENTS
DEVOTED TO MULTIPHASE TECHNOLOGY**

Houston, TX – May 5, 2011



Multiphase Pump User Roundtable focusing on the
application of multiphase boosting technology

Tulsa, OK – May 12 - 13, 2011



**Multiphase Metering Roundtable 11th Annual
Roundtable** focusing on multiphase research,
testing and technology

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



Gulf Coast Section

38th Annual SPE GCS Golf Tournament
Monday, April 18th, 2011 (Morning and Afternoon rounds)

Kingwood Country Club
1700 Lake Kingwood, Kingwood, Texas 77339

And

Deerwood Country Club
1717 Forest Garden Dr, Kingwood, Texas 77345
(281) 358-2171

This Gulf Coast Section event is an important part of fundraising for our Scholarship Fund, which helps send several potential clients or co-workers to college. These scholarships are even more important now with an unprecedented Industry demand for increased Engineering, Resources and People.

We need your support more than ever!

For more information and registration:
<http://www.spegcs.org/en/cev/1927>



Gulf Coast Section

2011 Sporting Clays Tournament
Friday, June 10th, 2011
7:30 a.m. to 5:30 p. m.

Rio Brazos Hunting Preserve
4430 Guyler Road, Simonton (Wallis), Texas 77485
(281) 346-2095

We are pleased to announce that in addition to the SPE GCS Scholarship Fund, we will also support the Bright Light Foundation (BLF). The Bright Light Foundation's mission is to raise funds, in the spirit of compassion and fun, to assist with the medical needs of those within the oilfield community stricken by catastrophic illness. The funds raised by this foundation are distributed among selected families to assist with medical cost due to major illness.

Come out and help support SPE GCS!!!

For more information, sponsorship and registration:
<http://www.spegcs.org/en/cev/1978>

Drilling Study Group

Drilling Symposium - The Changing Role of Rig Supervision (Do We Need the Driller?)

Speakers: TBA

Date & Time: 8:00 a.m. - 3:00 p.m.
Thursday, April 28

Location: Petroleum Club
800 Bell Street (77002)

Cost: \$100 per member preregistered
\$125 for nonmembers and walk-ins

Registration: www.spegcs.org

Deadline: Noon, Tuesday, April 26

12 Locations

145 MWD Systems

500+ Drilling Motors

400 Personnel



 **PHOENIX**
TECHNOLOGY SERVICES USA INC.

One Horizontal & Directional Drilling Company Focused on Performance

Nevis Energy Services Inc. has operated as the US Division of Phoenix Technology Services since 2002. We want our clients to see the depth of our expertise and how this creates advantages for their drilling applications. Therefore, as of September 1, 2010, Nevis will operate as Phoenix Technology Services USA Inc., unifying our name with our other operations worldwide.

800.909.9819 | phxtech.com

VIKING CRITICAL WELL ENGINEERING CONSULTING SERVICES

ENGINEERING, L.C.

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

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

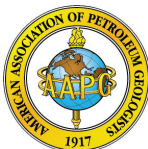
WE CAN HELP PLAN AND EXECUTE YOUR TOUGH WELLS.

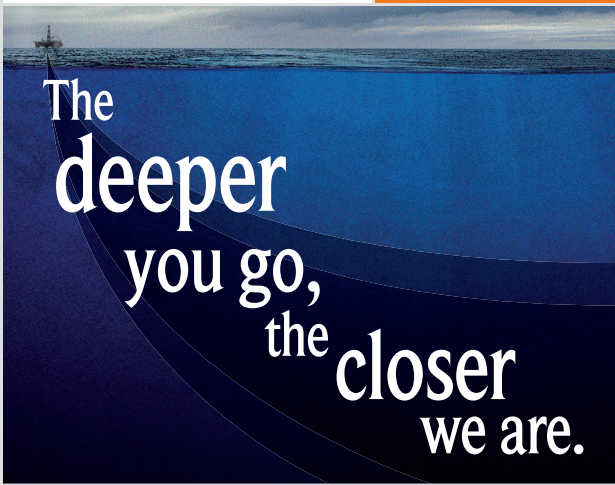
VISIT OUR WEBSITE: WWW.VIKINGENG.NET
OR CALL: (281) 870-8455 IN HOUSTON

AAPG Education discounts

Discounts are now available for SPE Houston members.

Contact us for more information at <http://www.aapg.org/education/>
educate@AAPG.org





The deeper you go, the closer we are.

Wherever your next project takes you.

With E&P operations driven to greater depths offshore, one service partner is there to help you overcome the challenges: M-I SWACO. We've helped operators drill more than half of all deep and ultra-deepwater wells to date, so you'll find no one is better positioned to support your deepwater operations.



M-I SWACO

A Schlumberger Company

www.miswaco.slb.com

Profit from experience.SM

Don't Leave Yourself Exposed

Fighting trouble formations increases non-productive time and risk. SET[®] solid expandable technology provides proven and reliable solutions to tackle trouble zones while maintaining your inside diameter:

- Ensure getting to TD with ID
- Improve days-to-depth curve
- Reduce risk

Contact Enventure to learn more about expanding your well's potential—and redefining the economics of your project or asset.



www.EnventureGT.com/mitigating

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

Get More from your Core

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.

International Study Group

PETROSANTANDER: Petroleum in Latin America and Colombia in Particular

Speaker :	Jerry Mathalone PetroSantander Inc.
Date & Time:	11:30 a.m. luncheon Thursday, April 21
Location:	Petroleum Club 800 Bell Street (43 rd Floor) Houston, TX 77002
Cost:	\$35 per member preregistered \$45 for nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Tuesday April 19

Latin America has been producing oil for over 100 years and has produced over 150 billion barrels in that time. Currently, production is 10.6 million bopd and 20 bcf/gpd. After an introductory geological setting of the region, a very brief history of each country's production will be presented emphasizing the complicated relationship between IOCs and the large NOCs in the region. In addition, the sometimes dramatic positive and negative production consequences of government policies will be reviewed as a backdrop to the current situation.

Some countries have enjoyed a more stable fiscal environment than others, and Colombia, in particular has been producing oil for almost a century with an unbroken record of contract stability. Colombia has 8% of the region's oil production and less than 4% of the non-tar reserves. It produced around 720 mbopd and 1.1 bcf/gd during 2010. The country has embarked on a set of policies to attract international oil companies and been rewarded with large numbers of concession awards and a high level of industry activity across the board. In addition, the recently privatized ex-state oil company, Ecopetrol, held a number of marginal field rounds and direct negotiations with IOCs over existing old fields which will be reviewed. These marginal field contracts after a rocky start have resulted in large increases of production in some very old fields but not in others.

Colombia has a large number of quite differing types of basin from the little explored Pacific fore-arc basins to the prolific sub-Andean basins such as the

Llanos Basin. In spite of many surface hydrocarbon indications, only three of these basins contain substantial petroleum discoveries. All these basins remain of interest for exploration, with, as one would expect, the more mature regions containing mostly lower but still profitable potential.

Jerry Mathalone is vice president exploration and geosciences of PetroSantander Inc., a privately held oil and gas company with net production of 9000 boepd from operations in Colombia, USA, Romania and Brazil.

He received his MSc in petroleum geology from Imperial College in London and joined Phillips Petroleum working in West Africa and Norway followed by Charterhouse Petroleum UK and Egypt. Subsequent to their takeover by Petrofina, he worked on UKCS projects for two years before leaving in 1988 to join IPC in Dubai. As chief geologist for IPC, he was responsible for projects in various basins over West Africa, the Middle and Far East. In 1992 he moved to Houston as exploration manager for a related company, Eurocan Ventures, in operations and new ventures over most of South America. When the producing assets were sold to PetroSantander in 1995, he moved and has worked on their existing fields in the Americas, Europe and new ventures elsewhere.



TIW

www.tiwtools.com

DRILLING AND COMPLETION SOLUTIONS



The Shale Experts.
Fracturing formations and shattering records every day.

We are deep on offshore experience.

Dyna-Drill®

Manufacturers of Drilling Motor Components

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

www.dyna-drill.com **Power That Lasts™**

You can count on BJ Services to handle the tough challenges.

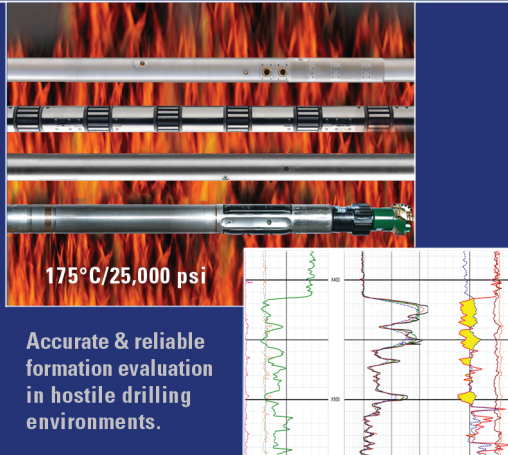
Real world. World class. Worldwide.

Lafayette – (337) 839-7200
Houston – (713) 683-3400
www.bjservices.com



SURVIVOR

HIGH PRESSURE/HIGH TEMPERATURE LWD SUITE



175°C/25,000 psi

Accurate & reliable formation evaluation in hostile drilling environments.

The Pathfinder SURVIVOR* Suite of high pressure/high temperature logging tools operates in temperatures up to 175°C and pressures up to 25,000 psi. The suite includes:

- Directional
- Gamma Ray
- Dual-Frequency Resistivity
- Density Neutron and Caliper
- Annular Pressure

www.pathfinderlwd.com


PATHFINDER
A Schlumberger Company

ECONOMIC CONDUCTIVITY

Realistic conditions.

Optimized conductivity.

Increased payout.



CARBO

EconomicConductivity.com
Optimize the frac. Maximize your profit.

Northside Study Group

Methods of Achieving a Dual Gradient for Use in Deepwater Drilling

Speaker:	Luc de Boer Dual Gradient Systems
Date & Time:	11:30 a.m. luncheon Tuesday, April 12
Location:	Greenspoint Club 16925 Northchase (77060)
Cost:	\$30 per member preregistered \$35 for nonmembers and walk-ins preregistered \$40 per members/nonmembers post registration
Registration:	www.spegcs.org
Deadline:	Noon, Friday, April 8

*Please register early to help us better plan and streamline the luncheon.
Walk-ins accepted on a space-available basis.*

*Parking: Use the contract entrance. Push the button on the
kiosk and tell security you are with the SPE Northside Study
Group in the Greenspoint Club.*

The IADC defines “dual gradient” as the “creation of multiple pressure gradients within select sections of the annulus to manage the annular pressure profile. Methods include use of pumps, fluids of varying densities, or combination of these.” This presentation will discuss these methods and their commercial applications.

Luc de Boer began his career with a Dutch shipping company at various overseas locations. In 1974, he started as a trainee drilling engineer in the petroleum industry in the North Sea for Sedneth, a subsidiary of Sedco. He then went to work for Phillips Petroleum in 1980 as a drilling supervisor. He transferred in 1986 and worked as a drilling engineer for Phillips in the North Sea and other international operations. From 1997 to 2000 Luc worked as a SDE for Arco in their international drilling operations groups. In 2000, he developed Dual Gradient Drilling Technology and founded Dual Gradient Systems LLC, while he continued to work as a consultant drilling engineer for various US operators, mainly deepwater projects in the Gulf of Mexico.



**Ceradyne Thrust Bearings
Reduce Trip Time**



ceradyne, inc.
BEARING TECHNOLOGIES

(859) 514-1290, ext. 7889
bearings@ceradyne.com
www.ceradyne.com


Advanced Resources
International, Inc.

**Unconventional Gas
Reservoirs
Enhanced Oil Recovery
Co₂ Sequestration**

COMET 3 Reservoir Simulator for CBM & Gas Shale Reservoirs

www.adv-res.com (281) 558-9200

Measured Solutions from
The Completion Diagnostics Company

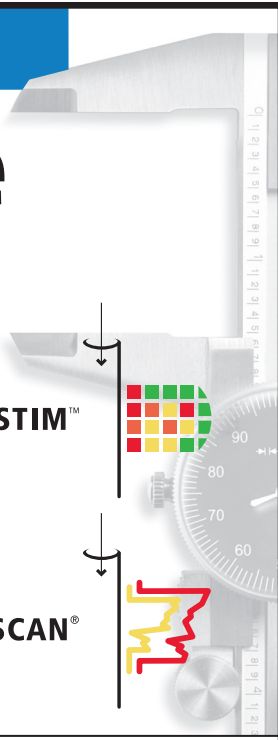
Fracture height?

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

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

SPECTRASTIM™

SPECTRASCAN®



ProTechnics

A Production Enhancement division of Core Laboratories

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



CO₂ EOR and Geosequestration

Reservoir Engineering & Simulation
Consulting and Training



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

Let us help your company grow.



Providing growth capital
to energy companies for
over 15 years.



www.bluerockenergycapital.com

Failure is Not an Option

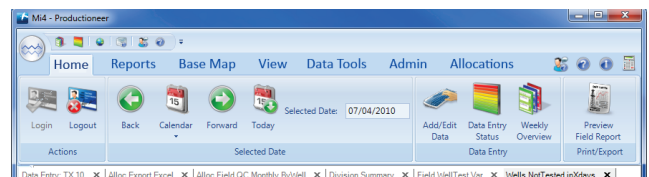
At Ryan, failure is not an option. That's why our positive displacement mud motors and retrievable mud pulse MWD equipment lead the industry in mean time between failures.

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.

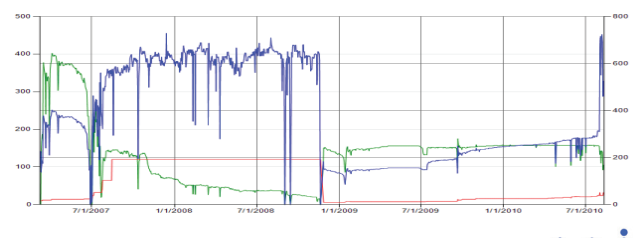


Oil Production Software by Mi4®
www.mi4.com
www.productioneer.com

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



- Field Data Capture
- Production Reports
- Custom Charts & Dashboards
- Production Allocation
- Available Online to All Users
- Easy Data Integration
- Simple & User Friendly GUI
- Full Support & Training Included



Call us today for a free trial 713.401.9584



Permian Basin Study Group

Residual Oil Zone Symposium

- Date & Time:** 11:30 a.m. to 5:00 p.m. (followed by Networking Social)
Monday, April 4
- Location:** Westlake Club
570 Westlake Park Blvd (77079)
- Cost:** \$125 for members
\$150 nonmembers and walk-ins
- Registration:** www.spegcs.org
- Deadline:** Noon, Friday, April 1st

Residual Oil Zones are formations that contain oil at saturations too low to be produced by primary production or waterflood. However, some projects have already recovered significant new reserves, and the remaining potential for additional floods is great both underneath existing CO₂ floods and even on previously unproductive acreage.

Speakers are Dr. Bob Trentham from the University of Texas Permian Basin (UTPB), Matt Honarpour from Hess, Dane Cantwell from, Legado Resources, Steve Pennell from Kinder Morgan, and Michael Stell from Ryder Scott will share vivid experience in the field of analysis of potential ROZ and its development.

Please join us at the first industry event to be focused on this emerging opportunity.



Reservoir Engineering Technology Symposium *Friday, May 13th, 2011*

Hess
One Allen Center
500 Dallas Street
Houston, Texas 77002

Cost: \$75 for members preregistered and prepaid
\$100 for nonmembers and walk-ins
Registration Deadline: noon, Tuesday, May 10

Did you miss the 2010 SPE ATCE in Florence Italy? This is your chance to learn from subject-matter experts with over 100 years of practical experience from respected operating and service companies.

For more information and registration:
<http://www.spegcs.org/en/cev/1928>

Intertek

Westport Technology Center

**Providing Expertise in
Reservoir Characterization and Optimization**

Services include:

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

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

www.intertek.com



CONTROL WITH CONFIDENCE



Cudd Well Control has a worldwide reputation of experience and efficiency, coupled with a proven track record of success confronting blowouts and problem wells onshore, offshore and underground.

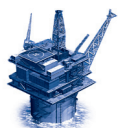
CWC stands prepared 24 hours a day, 7 days a week to aid with any of your engineering and well control situations.

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



1-713-849-2769 • www.cuddwellcontrol.com

16770 Imperial Valley Drive, Suite 100 • Houston, Texas 77060 (USA)



**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.**



**STEEL SERVICE OILFIELD
TUBULAR, INC.**



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



**Hurricane Damage.
Plug & Abandonment.
Well Decommissioning.**

**When the situation is critical,
operators call TAM.**

Well decommissioning operations can be challenging due to casing restrictions; nonstandard casing; lack of, or poor cementation; damaged casing; or when conventional mechanical packers can't do the job. That's when to call TAM.

Because TAM packers provide maximum flexibility, our experts can deploy at the site with a minimum number of tools to provide the maximum efficiency and safety for your operation.

www.tamintl.com/plug



Gulf of Mexico:
Gas migration.
Plug & Abandonment.
30+ wells in 45 days.
That's expertise.
That's efficiency.

Projects, Facilities, & Construction Study Group

Bringing the Eagle Ford Shale to Market

Speaker : Charles Perez
DCP Midstream

Date & Time: 11:30 a.m. luncheon
Tuesday, April 19

Location: Norris Conference Center - City Centre
803 Town and Country Lane #210 (77024)

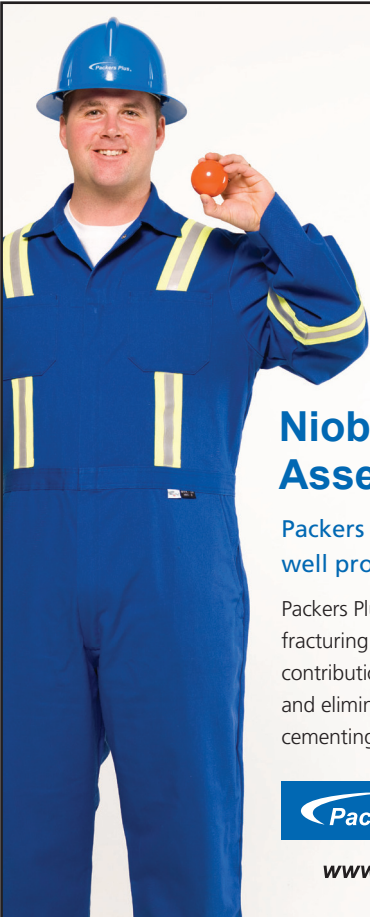
Cost: \$35 per member preregistered and prepaid
\$40 for nonmembers registered and prepaid
\$45 for walk-ins

Registration: www.spegcs.org

Deadline: Noon, Friday, April 15

The Eagle Ford Shale is the latest hot new shale gas play. Owners, operators, drillers, and the rest of the usual cast are currently scrambling to capture full value from this field and bring the Eagle Ford gas efficiently to market. DCP is helping to make this happen and is currently working hard to tie in production to both new and existing facilities. The presentation will address some of the current challenges facing the industry to develop this substantial play.

Charles Perez has had a multi-decade career in the oil and gas business. He has worked in operations, construction, project development, and in consulting. Charles currently serves as the engineering manager at DCP Midstream and is also the senior project manager for projects in the Eagle Ford Shale.



**Niobrara
Assets Maximized**

Packers Plus increases well production.

Packers Plus StackFRAC® multi-stage fracturing system allows production contribution from the open hole lateral and eliminates the cost and risk of cementing and perforating.

Packers Plus Do It Once Do It Right

www.packersplus.com



Vibration Technology, Inc.
Workover □ Completions □ Drilling

Leading the industry in stuck pipe recovery.

Shreveport □ New Iberia □ Houston

For more information, log on to:
vibrationtechnology.com

INNOVATIVE TECHNOLOGY FOR REMOVING STUCK TUBULARS

Cflex, cementing on demand.



For control of cement placement, Cflex delivers flexibility, when and where you need it.

Cflex provides a gas tight solution for precision primary or contingency level staged cementing. Unprecedented flexibility is offered through multiple open and close valve technology and the option to install in one or more casing and liner sections. Optimum annular seal integrity assurance means V0 rated Cflex can be fitted with confidence, and without compromise to the ID and OD.

Cflex, developed and engineered by Seawell, pioneering experts in deep sea well barrier technology. Seawell tools afford absolute integrity and assurance, improving the performance of wells, the world over.



For cementing flexibility, demand Cflex.

To find out more about Cflex visit seawellcorp.com or call +1 713 856 4222

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.

tetratec.com



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



Fearnley Procter Group
 Quality Control - Process Assurance - Engineering - Training Specialists

The Fearnley Procter Group provides a wide range of services based around its Non-Productive – Time Solution system, “NS™” including:

- Quality Control/Quality Assurance for Well Operations
- Process Assurance
- Drillstring Engineering
- Training
- Publications

www.fearnleyproctergroup.com
281-870-1333

Houston · Aberdeen · Beijing · Kuala Lumpur · Dubai
 Stavanger · Rio de Janeiro · Trinidad · Caracas

*Interested in joining our International Team?
 Contact us at info@fearnleyproctergroup.com*

Reservoir Study Group

Distinguished Lecturer 2010-11 Lecture Season

EOR - The Time is Now: Its Contribution to World Oil Supply

Speaker :	Paul L. Bondor BonTech
Date & Time:	11:30 a.m. luncheon Thursday, April 28
Location:	Courtyard on St. James 1885 St. James Place (77056)
Cost:	\$35 per member preregistered and prepaid \$40 for nonmembers registered and prepaid \$45 for walk-ins
Registration:	www.spegcs.org
Deadline:	11:30 a.m., Tuesday, April 26

Enhanced oil recovery is perceived to have a history of unfulfilled promise. However, both thermal and carbon dioxide flooding technologies have proven successful; surfactant and polymer flooding less so as a result of the sustained oil price collapse of the 1980s.

Forecasts of world oil demand and supply include both undiscovered resources and EOR as significant contributors. With a world resource of some 9 trillion barrels, and production of just 1.1 trillion barrels to date, EOR has the advantage of knowing where its resources are.

In addition, plans to reduce atmospheric carbon dioxide provides an impetus for the implementation of CO2 sequestration projects - these can improve recovery factors worldwide, not just in the Permian Basin. Advances in polymer and surfactant flooding technology, and in oil field tools and techniques, make the application of those processes more robust.

EOR has not been present in the offshore; while applications present logistical as well as technical challenges, the offshore represents a large EOR opportunity.

To achieve and exceed the expectations of EOR's contribution to supply, innovative political and

commercial approaches are needed; for example, agreements regarding CO2 capture and transportation, NOCs and IOCs sharing the risk as well as the reward in EOR applications.

Paul L. Bondor retired from Shell after 35 years of technical and supervisory service. He has worked in EOR both in research (including 5 years as head of EOR research in the Royal Dutch/Shell Group), and in operations, including thermal and CO2 miscible flooding projects, and in pilot tests of polymer and surfactants. He has experience in primary development and waterflooding, both onshore and offshore (including the deepwater GOM). He holds BS, MS and PhD degrees from Case Institute of Technology. He has authored 14 technical papers.

Gas / Gas-Condensate / Volatile Oil

Reservoir Engineering & PVT/ Compositional Reservoir
Simulation, and Integrated Asset Modeling (IAM)

Consulting and Training



Phone: +1-281-359-2674

Fax: +1-281-754-4969

Email: Jay.Avasthi@AvasthiConsulting.com

www.AvasthiConsulting.com



Your **Best Choice**

Infrastructure

- Oilfield Construction – Field Services
- Oilfield Trucking – Forklifts – Cranes
- Wellsite Accommodations – Equipment Rentals
- Pipeline Construction – Services
- Well Servicing

Fluids

- Frac Water Transfer – Poly/Fast Line
- Flow Back – Well Testing
- Tank Trucks – Disposal

Supply Division

- Oilfield Supply Products – Tubular Sales

WWW.SELECTENERGYSERVICES.COM

CORPORATE SALES OFFICE

6650 W. SAM HOUSTON PARKWAY N • SUITE 450
HOUSTON, TX 77041 • P: 713.856.5555

SAND CONTROL



Boost safety in ultra-deep wells.

DeepQuest™ service enables effective fracturing and fracpacking within pressure safety limits.

Using Halliburton's current stimulation vessels, DeepQuest service reduces surface treating pressures in ultra-deep wells and eliminates the need for 20,000-psi pressure equipment.

What's your pumping or fluid challenge? For solutions, visit www.halliburton.com/deepquest, or e-mail us at sandcontrol@halliburton.com.

Solving challenges.™

HALLIBURTON

© 2011 Halliburton. All rights reserved.

Making the Unconventional CONVENTIONAL

A decade ago, Pinnacle engineers introduced "waterfracs" in the Cotton Valley of East Texas. Since then, waterfracs have waltzed across Texas and the world. The results have been astounding but nowhere more impacting than the Barnett and other ultra-low permeability shale reservoirs.

Today, our fracture mapping services provide keys to success in reservoirs such as the Barnett, Woodford, Devonian, Wolfcamp, Bakken, Fayetteville, New Albany, Caney, Floyd, Neal, Bend, Pearsall and others, where Pinnacle performs more mapping projects than all imitators combined.

Unconventional? Our clients think INDISPENSABLE!

 **Pinnacle** 281.876.2323
A HALLIBURTON SERVICE PINNTECH.COM

GIVE YOUR WELL A **SHOT**

LUFKIN

The new Bullet plunger is fast, dropping at more than twice the speed of a conventional plunger. The Bullet plunger maximizes the number of cycles per day leading to higher production. This patent pending design features a retractable dart allowing fluid to bypass through the tool on its descent. Upon reaching the bottom it resets the dart, and the sleeve provides exceptional sealing efficiency for the lift back up.

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

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



The Energy Flows Through Us™

Westside Study Group

Distinguished Lecturer 2010-11 Lecture Season

Successfully Stimulating Complex Carbonate Reservoirs

Speaker :	Ernie Brown Pinnacle
Date & Time:	11:30 a.m. luncheon Wednesday, April 20
Location:	Westlake Club 570 Westlake Park Blvd (77079)
Cost:	\$35 per member preregistered \$40 for nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Monday, April 18

Please print and bring your receipt if you paid by credit card online

For nearly 80 years, stimulating carbonate reservoirs has been routine and deemed successful but often involved little more than placing acid across the face of the formation. With approximately half of the world's proven reserves of oil and gas in carbonate or fractured reservoirs, it is apparent that new ideas and technologies are required to help increase both production and overall recovery from these complex reservoirs. New approaches are being utilized for better petrophysical models in carbonates and this information is leading to improved stimulation methods. This presentation focuses on the key developments in stimulation that target carbonate reservoirs and the appropriate completion methodologies required in these highly complex and heterogeneous reservoirs.

Ernie Brown, Advisor for Stimulation and Production services, Stimulation Domain Technology Director for Schlumberger, is currently based in Sugar Land, Texas. Beginning his career in 1979 with Dowell as a field engineer, he has held a variety of technical positions focused on reservoir stimulation and production in various locations throughout the world. Additionally he has held positions in both research and engineering, holds 18 patents, has co-authored over 25 technical publications, and has contributed to three reference books relating to well stimulation and completions. He holds a degree in geology from Colorado State University in Ft. Collins, Colorado.




Open Enrollment Course
Project Risk, Uncertainty, and Decision Analysis
Advanced decision analysis and resource play assessment techniques

UCRA Software
UnConventional Resource Analysis
To model, risk and value staged drilling programs in resource plays

www.roseassoc.com

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

Some estimate that 90% of U.S. onshore gas wells are producing below the critical rate, are liquid loaded, and production is impaired.



LIQUID LOADING

JIM HACKSMA
832-559-7332
jim.hacksma@comcast.net

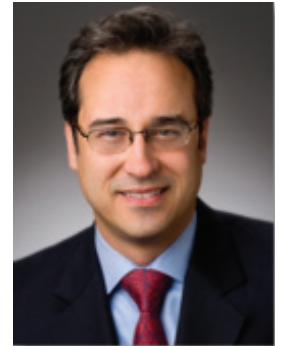
- Identify Loading in Your Wells
- Select Best Artificial Lift Method
- Technical Training Classes

Safety & Environment Study Group

Corporate Social Responsibility - Malaria Eradication Efforts in Equatorial Guinea

Speaker :	Dr. Adel Chaouch Marathon Oil Company
Date & Time:	11:30 a.m. luncheon Tuesday, April 19
Location:	Petroleum Club 800 Bell Street (43 rd Floor) Houston, TX 77002
Cost:	\$40 per member preregistered \$50 for nonmembers and walk-ins
Registration:	www.spegcs.org
Deadline:	Noon, Friday, April 15

Dr. Adel Chaouch is the director of Corporate Social Responsibility for Marathon's worldwide activities. His current responsibilities include corporate reporting; stakeholder engagement, corporate strategy, oversight and overall coordination of the Company's sustainable development initiatives; and the development of related corporate policies. He is also responsible for the development and execution of the company risk mitigation strategies for current and planned ventures.



He was previously the sustainable growth manager for Marathon Central Africa Operations based in Equatorial Guinea. He led the development of Marathon's social responsibility strategy and programs in Central Africa, including the Bioko Island malaria control project and related initiatives. He has been associated with several developments in the oil & gas sector of Equatorial Guinea since 1998, including the development and project management of the methanol and gas production facilities.

Prior to working with Marathon Oil Company, he held technical and managerial positions of increasing responsibilities with research, consulting and EPC companies. He worked as division manager and project lead with Raytheon E&C Company on major projects, mostly infrastructure development, heavy industry facilities, energy projects such as refineries, power generation facilities and pipelines, in the Americas, the Caribbean, Europe, Africa and South East Asia.

Adel completed his undergraduate degree in mathematics and physics at Saint-Louis College, Paris, France in 1990. He earned simultaneous masters' degrees in engineering from Texas A&M University, College Station, Texas and from the E.S.T.P., Paris, in 1991. He also received a Ph.D. in engineering with emphasis on deep water offshore structures from Texas A&M University.

He is board registered as a Professional Engineer in the State of Texas. He is a member of the American Society of Petroleum Engineers, the American Society of Civil Engineers, and is listed in the Who's Who of International Professionals and the national Who's Who register of executives. He is president of the board of the Corporate Alliance on Malaria in Africa, Chair of the advisory board for the GE Geosciences Program of the University of South Carolina and Universidad Nacional de Guinea Ecuatorial. He also serves on the board of UNICEF, U.S. South West region.

Young Professionals

Development Dinner: Knowledge Management and Communities of Practice in Career Development

Speaker: Robert (Bob) Holicek, Deepwater Theme Manager, Schlumberger

Date, Time & Location: 19 April 2011, 6PM-8.15PM, Westlake Club, Houston, Registration: <http://www.spegcs.org/en/cev/1914>

In a global company or organization, it can be challenging to connect with technical experts and obtain the right information where and when you need it. Additionally, for a young engineer it can be intimidating to stand out and make yourself visible in such a large population if you are not prepared with the right information. Properly locating the right expertise and knowledge is not only critical to conduct business, but also is important to advance one's own career. Knowledge Management (KM) and Communities of Practice (CoP) are tools each engineer should use to their full extent to gain information and manage their career path. Knowledge Management is the process of capturing and re-distributing expertise; a Community of Practice is a group of people within a common technical discipline, for example production or reservoir engineering. This talk will discuss speaker's own experience with KM tools, his involvement within his CoP, and how these have influenced speaker's career development. For questions or inquiries, please contact Stephen Ingram (stephen.ingram2@halliburton.com)

Volunteer Judging at 2011 Science and Engineering Fair of Houston

Date, Time & Location: 8 April 2011, 8.30AM-5.30PM, George R. Brown Convention Center, Hall A3, <http://www.spegcs.org/en/cev/1985>

Volunteer Judges are needed for the 2011 Science and Engineering Fair of Houston. Judging will take place all day Friday April 8th. There are several timeslots and categories available. Science Fair judges must submit an application no later than March 31. If you're interested in volunteering as a science fair judge with SPE, please contact Reilly Bliton at (reilly.j.bliton@exxonmobil.com).

Career Expo - Science and Engineering Fair of Houston

Date, Time & Location: 9 April 2011, 9AM-2PM, George R. Brown Convention Center, Registration: <http://www.spegcs.org/en/cev/1984>

In celebration of the 2011 Engineering Fair of Houston, SEFH and Consumer Energy Alliance (CEA) will hold the first annual SEFH-CEA Science & Energy Career Expo on April 9, 2011. The Expo will give Houston-area companies and organizations the opportunity to meet and engage the student participants and judges of the 2011 Science Engineering Fair of Houston, as well as teachers, friends and family of the students. Exhibitors will represent companies and organizations from the Houston-area involved in science, medicine, engineering, transportation and energy.

SPE volunteers are needed to engage the student participants, help with simple petroleum engineering demonstrations, and answer any questions the guests may have. For questions or inquiries, please contact Reilly Bliton at (reilly.j.bliton@exxonmobil.com).

Good Wine, Great Conversations: A Women's Wine Tasting Social

Date, Time, Location: 13 April 2011, 6PM-8PM, Block 7 Wine Company, 720 Shepherd Dr, Houston, <http://www.spegcs.org/en/cev/1989>

Join SPE-Young Professionals at Block 7 Wine Company on Wednesday, April 13th for an evening of networking with fellow female YPs in the energy industry. This informal event provides an opportunity for female SPE-YPs to network with each other and with senior level female leaders who will be discussing their careers and experiences in the energy industry. We encourage SPE members to bring a non-member in order to introduce more females to the SPE-YP experience. We hope to see you there for an evening of wine, food, and great conversations. For questions or inquiries, please contact Paige Campbell (Paige.Campbell@shell.com)

BOEMRE reforms, regulations, and the ongoing reorganization

Michael R. Bromwich, Director, Bureau of Ocean Energy Management, Regulation and Enforcement

Date, Time & Location: 2 May 2011, 7.30AM-10AM, Houston Hyatt- Downtown, Registration: <http://www.spegcs.org/en/cev/1983>

Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) reforms, regulations, and the ongoing reorganization as well as how things have changed since April 20th 2010. For questions or inquiries, please contact Stephen Ingram (stephen.ingram2@halliburton.com)

Volunteer to make an impact at OTC 2011 !

Date, Time & Location: 4 May 2011, 9AM-12PM, Reliant Park, Houston Registration: <http://www.spegcs.org/en/cev/1967>

The SPE Gulf Coast Section Young Professionals invites you to join us as we guide high school students through the 2011 OTC exhibits. We will pair you with 10-15 students and 1 chaperone. This is an opportunity to share your experience in the oil and gas industry while making an impact in the lives of high school students. Complimentary conference badge and parking pass will be provided by OTC for your participation. Free admission to the conference! For questions or inquiries, please contact Ghislain Fai-Yengo at GFai-yengo@slb.com.

Emerging Engineers Conference-2011

Date, Time & Location: 2nd & 3rd June 2011, 8AM-5PM, WesternGeco, 10001 Richmond Ave, Houston TX 77042 USA

Do have a new energy related project you've been helping to develop? The young professionals in SPE-GCS encourages you to share your knowledge, ideas, expertise, innovations, best practices and case studies by submitting an abstract to the 2011 Emerging Engineers Conference (EEC) Poster Session held at the WesternGeco facility in Houston on Thursday, June 2nd. The EEC is the most highly attended conference among young professional in SPE-GCS, and this is an excellent opportunity to showcase your success in a poster session. Please submit an abstract (500 words max) of a project you have made a significant contribution to Maricel Marquez (moxw@chevron.com). Please include your company, years in the oilfield, and contact information with your abstract.



Planning on being in Houston in May? Combine travel with training and:

- Save money on travel expenses
- Broaden your understanding of conference technical sessions
- Sharpen your skills for peer discussions

**Select from these special courses being offered during the month of May. All Sessions will be held at:
The Holiday Inn Houston South Loop
Houston, Texas, USA**

Diagnosis and Practical Solutions for Wellbore Fluid-and Heat Flow Problems

April 30 – May 1

8:00 – 17:00

Instructed by: **Shah Kabir and Rashid Hasan, authors of the SPE book, Fluid Flow and Heat Transfer in Wellbores.**

This two day course exposes participants to various elements of fluid and heat flows that occur in petroleum production and extends basic principles to tackle flow assurance and reservoir surveillance related problems.

Petroleum Reserves

April 30 – May 1

8:00 – 17:00

Instructed by: **Dr. John Hodgkin**

This two day course is designed to instruct in the estimation of petroleum reserves under SEC and SPE/WPC reserves definitions guidelines.

Horizontal Well Completions

May 6

8:00 – 17:00

Instructed by: **Steve Mathis, B.S and an M.S. in Geotechnical Engineering**

This one course develops strategies for completing horizontal wells with either cased or open hole configurations, with or without sand control.

Introduction to Managed Pressure Drilling

May 6

8:30 – 16:30

Instructed by: **Dr. Deepak M. Gala**

This course will provide a solid introductory learning platform for MPD, and is appropriate for those who are new to the industry.

Shale Gas Development

May 6

9:00 – 18:00

Instructed by: **Steve Hennings, MS, and P.E.**

This one day course will teach participants how to review the status and characteristics of various shale gas plays, recognize the factors controlling gas-in-place, reserves, and productivity, understand how to collect, analyze, and interpret critical data and much more.



OFFICERS

Chair	Mark Peavy	Kinder Morgan	713-369-9149	mark_peavy@kindermorgan.com
Vice-Chair	Skip Koshak	Shell	832-337-2199	Skip.Koshak@shell.com
Secretary	Mike Strathman	Aspen Tech	281-584-4320	Mike.Strathman@aspentech.com
Treasurer	Bill Davis	Halliburton	281-871-4062	bill.davis@halliburton.com
Vice-Treasurer	David Tumino	Anadarko	832-636-7230	david.tumino@anadarko.com
Career Management	David Flores	OIL, Inc.	281-381-5828	david_p_flores@yahoo.com
Communications	Kim Tran	Hamilton Group	713-826-7492	kim.m.tran@gmail.com
Community Services	Xuan Harris	Consultant	832-444-5143	xuan.harris@gmail.com
Education Coordinator	Rey Saldares	Anadarko	832-636-4881	rey.saldares@anadarko.com
Membership	Jeanne Perdue	PetroComputing	281-568-2723	perduejm@comcast.net
Programs	Mike Cooley	MC Engineering, Inc	832-934-0868	cooleym6@gmail.com
Social Activities	Scott McLean	Saxon Services	281-540-9515	smclean@saxonservices.com
Technology Transfer	Russ Neuschaefer	Schlumberger	281-285-1775	rneuschaefer@slb.com

DIRECTORS

2009-11 Director	Ed Smalley	NOV CTES	936-521-2222	ed.smalley@nov.com
2009-11 Director	Rob Bruant	BP	281-366-2157	Robert.Bruant@bp.com
2009-11 Director	Paul Szatkowski	DeGolyer & MacNaughton	713-273-8302	pszatkowski@demac.com
2010-12 Director	Lucy King	Kinder Morgan	713-369-9017	Lucy_King@kindermorgan.com
2010-12 Director	Valerie Martone	Anadarko	832-636-3196	valerie.martone@anadarko.com
2010-12 Director	Steve Baumgartner	Marathon Oil	713-296-3190	sbaumgartner@marathonoil.com
Past Chair	Jane Moring	ExxonMobil Production	832-233-4917	Jane_Moring@xtoenergy.com
Regional Director	Sid Smith, Jr	National Oilwell Varco	713-346-7398	sid.smith@nov.com

COMMITTEE CHAIRS

Auxiliary	Paulette Williams	Spouse	281-897-0493	pegw16209@att.net
Awards	Kim Tran	Hamilton Group	713-826-7492	kim.m.tran@gmail.com
Continuing Education	Melissa Myers	NFR Energy	713-557-8154	melissaleighmyers@gmail.com
ESP Workshop	Rafael Lastra	Occidental Oil & Gas	713-350-4848	rafael_lastra@oxy.com
Golf	Shawn Skobel	Halliburton	281-988-2348	shawn.skobel@halliburton.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	Kartik Ramachandran	Petrobras	713-808-2306	kramachandran@petrobras-usa.com
Scholarship	Gabrielle Guerre	Ryder Scott	713-750-5491	gabrielle_guerre@ryderscott.com
Scholarship	Deepak Gala	Weatherford	281-260-1407	deepak.gala@weatherford.com
Sporting Clays	Tim Riggs	Drill Right Technology	713-201-4290	triggs@drillrighttechnology.com
Tennis	Mike Breaux	ConocoPhillips	832-486-2031	mike.breaux@conocophillips.com
Web Technology	Subash Kannan	Weatherford	832-201-4306	subash.kannan@weatherford.com
Young Professionals	Andrea Hersey	Momentive	832-854-4023	Andrea.Hersey@momentive.com

STUDY GROUP CHAIRS

Business Development	Chris Atherton	EnergyNet.com	713-861-1866	chris@energynet.com
Completions & Production	Kevin Renfro	Anadarko	832-636-8613	kevin.renfro@anadarko.com
Digital Energy	Roger Hite	Business-Fundamentals Group	713-784-2830	hite@business-fundamentals.com
Drilling	Kevin Brady	Consultant	832-358-1858	kbrady8985@att.net
Drilling Waste Mgmt.	OPEN			
General Meeting	Chris Reinsvold	Decision Strategies	713-465-1110	creinsvold@decisionstrategies.com
HSE	Trey Shaffer	ERM	281-600-1016	trey.shaffer@erm.com
International	Philippe Mitterrand	Oil&Gas/Energy Consortium	832-524-6294	iimm@sbcglobal.net
Northside	Don Dumas	Core Lab	713-328-2210	don.dumas@corelab.com
Permian Basin	Stephen Guillot	Kinder Morgan	713-369-9105	stephen_guillot@kindermorgan.com
Petro-Tech	Lilly Lee	Southwestern Energy	281-618-2786	lilly_lee@swn.com
Projects, Facilities, Constr.	Sally Jabaley	Shell	281-544-5860	selma.jabaley@shell.com
Reservoir	Kishor Pitta	Oxy	281-646-9539	kishor_pitta@oxy.com
Westside	Alex McCoy	Occidental Oil & Gas	713-366-5653	alexander_mccoy@oxy.com

In-depth training courses taught by engineers who work at the leading edge of oilfield technology

Our intensive multi-day classroom courses combine in-depth technical presentations with hands-on exercises. Public course sites this year include Calgary, Dallas, Dubai, Edinburgh, Houston, Kuala Lumpur, and Perth. We also offer private courses at your location.

2011 Public Training Courses

Introduction to Casing & Tubing Design
 Advanced Casing & Tubing Design
 UBD Well Design
 UBD Operations & Well Control
 Managed Pressure Drilling Design & Operations
 Deepwater Application of Managed Pressure Drilling
 HPHT Well Control
 Introduction to Drilling Fluids
 Drilling Fluids Management
 Introduction to Completions
 Introduction to Deepwater Completions
 Materials Selection for Completions
 Advanced Pipeline Integrity

Visit blade-energy.com for course details and registration information.
 Email: training@blade-energy.com
 Phone: 800.319.2940



Dallas | Houston | Jakarta | Dubai | Aberdeen

©2011 Blade Energy Partners. The Blade logo is a registered trademark in the United States, Mexico, and elsewhere.

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

April Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Permian, p21	5	6	7	8 Auxiliary, p8	9
10	11	12 Northside, p19	13	14 Gen Mtg, p3	15	16
17	18 Golf, p14	19 Digital Energy, p7 PF&C, p23 S & E, p28	20 Westside, p27	21 International, p17 Cont Ed, p13 Board Mtg, p4	22	23
24	25	26	27 C & P, p9	28 Reservoir, p25 Drilling, p15	29	30