

Los Angeles Basin Section Society of Petroleum Engineers

A Message from the Chair



Golf Equals Scholarships

The Mission of the Society of Petroleum Engineers, according to its website, is “To collect, disseminate, and exchange technical knowledge concerning the exploration, development and production of oil and gas resources, and related technologies for the public benefit; and to provide

opportunities for professionals to enhance their technical and professional competence.”

The Aims and Purposes of the Los Angeles Basin Section of the SPE are, according to our website, “... the promotion of mutual cooperation in furthering the objectives of the SPE by providing regular meetings for the free discussion of subjects relating to the exploitation and development of petroleum and natural gas.”

Mission statements and Aims and Purposes are good, but if one measures the performance of an organization by what they actually do, sometimes the picture is clearer. So what does LASPE actually do during a program year? From where I sit (this is a “chair” article, remember) it seems to me that among many things that LASPE does, 3 are the most visible:

- We hold about 10 Forum meetings per year, very much focused on the SPE’s goal to “disseminate and exchange technical knowledge,” and also our own purpose of

...continues on page 2

PETROLEUM TECHNOLOGY FORUM PROGRAM, MARCH 8, 2011

The next Petroleum Technology Forum will be held on Tuesday, March 8th, 2010 at the Long Beach Petroleum Club, 3636 Linden Avenue, Long Beach, CA 90807. The speaker will be Jeremy Strausbaugh of Halliburton Completion Tools. *Abstract & bio follow on Page 3...*

<p>Location: Long Beach Petroleum Club 3636 Linden Avenue Long Beach, CA 90807</p>	<p>Time: Registration: 11:30 AM Buffet Lunch: 11:30 AM Presentation: 12:00-1:00 PM</p>	<p>Cost: \$20.00 members, \$25.00 non-members, Free for full time students.</p>
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**2011 Annual SPE Golf
Tournament on
May 6th at Los Serranos**

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“providing regular meetings for the free discussion of subjects relating to the exploitation and development of petroleum and natural gas.”

- We give a number of scholarships to college students, both Bachelors' level and Graduate Students, who are pursuing careers related to the oil and gas industry.
- We support many of our activities by holding a major fund-raiser every year, the annual LASPE Golf Tournament.

As it happens, the Forum meetings are roughly revenue-neutral. We may make a little money or lose a little, mostly depending on how many students attend the meeting at our expense. Actually, I can't think of a better reason to lose a little money – more students are always welcome at our Forum meetings, and we are determined to keep student attendance free.

The reason for the title of this article is that typically the amount of money distributed in scholarships (LASPE's largest annual expense) is roughly equal to the amount of money raised by the Golf Tournament (LASPE's biggest source of income.)

So what does this mean to you? Two things:

- If you play golf, please plan to attend the LASPE Golf Tournament at Los Serranos Country Club in Chino Hills on Friday, May 6. You can play some golf, have some fun, participate in the raffles, maybe take home a nice prize – and feel good about the whole thing because you will be supporting LASPE's scholarship program.
- Speaking of which, if you know any students who are pursuing an education related to the oil & gas industry, please make them aware of the opportunity to apply for an LASPE Scholarship. All the details, including the application forms, are on the LASPE website, at <http://www.laspe.org/scholarship/scholarship.html> . The deadline for submitting applications is April 8.

Golf is good. Fun and raffles are good. Fundraising is very good. Scholarships are especially good. Let's try to have more of all of them!!

Mike Utt
LASPE Chairperson 2010-2011
mikeutt@roadrunner.com

Interested parties and VOLUNTEERS PLEASE
Contact Rich Manuel at rmanuel@mindspring.com



FORUM FROM PAGE 1 . . .

PETROLEUM TECHNOLOGY FORUM PROGRAM, MARCH 8, 2010**Horizontal Shale Completions:
Pinpoint Design for Hydraulic Fracture Placement****Jeremy W. Strausbaugh, Halliburton Completion Tools****Abstract:**

Operators are continually looking for ways in which to efficiently maximize their production. There are many ways to do this including open hole completions, sand control, “plug & perf” in cased hole, tubing conveyed perforating, steam injection, and countless others. The key to maximize production is to understand what type of formation is being developed and then in turn figure out the best completion method. Recently, shale formations in particular have been yielding great gains because the operators along with the service companies have been able to work together to design a well bore that will give its greatest production with the technology available. Presently, the technology and engineering proving to be the most successful in shale formations is horizontal well completions that compartmentalize target zones for hydraulic fracturing.

The technology and tools used in horizontal completions is ever changing. Once operators realized the benefits of drilling a horizontal section, compartmentalizing specific zones, and hydraulically fracturing each zone, a new challenge was presented. How to increase the number of zonal isolation points in a horizontal section? The solution is to use a type of intervention-less type of completion that would allow for maximum stimulation, also known as a PinPoint Completions.

PinPoint Completions in a horizontal wellbore combines a completion liner with external packers; open hole, inflatable, or swellable packers, for zonal isolation and either shifting sleeves or plug & perf to place the treatment into the compartmentalized formation. With more than 100 horizontal completions run in the Bakken Shale in the past three years, PinPoint completions for hydraulic fracturing has achieved world-wide industry recognition as a leader through its maximization of shale formations with reliable solutions through technology.

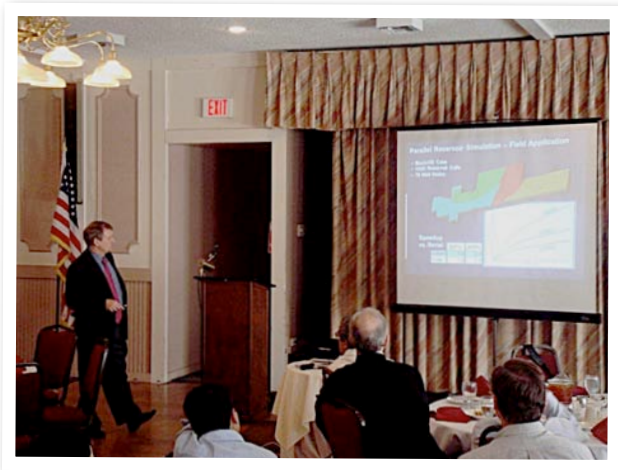
Bio – Jeremy W. Strausbaugh:

Jeremy W. Strausbaugh, works for Halliburton Completion Tools in Business Development. He is a graduate of the University of San Diego with a BA in International Relations and served two years in Romania while in the Peace Corps after graduation. Jeremy has most recently worked in the Williston Basin Business Development, involved in areas of new design for completion and drillable tools. He has also served as a technical advisor in Australia; helping to run Halliburton’s first sliding sleeve and swellable packer job on land.

Jeremy is responsible for supporting new technology and business growth for Halliburton Completion Tools on the West Coast.

**NEXT GENERATION RESERVOIR SIMULATION - NEW CAPABILITIES FOR
NEW CHALLENGES**

Bret L. Beckner, ExxonMobil Upstream Research Company
FEBRUARY 8 PETROLEUM TECHNOLOGY FORUM



LA SPE SCHOLARSHIP ANNOUNCEMENT

THE LOS ANGELES BASIN OF THE SOCIETY OF PETROLEUM ENGINEERS IS NOW ACCEPTING APPLICATIONS FOR SCHOLARSHIPS FOR THE 2011/2012 SCHOOL YEAR

Local students who are classified as undergraduates and graduate students at the beginning of the 2011 fall semester attending may be eligible for these scholarships.

There are five types of scholarships available through the section:

- **Mei Chang Memorial Scholarship:** \$500 award are available for high school graduates entering college in the fall of their graduating year or following year. This scholarship is a tribute to Ms. Mei Chang, a Sr. Research Scientist with Chevron. She is remembered for her steady contributions to LASPE and for tutoring science and math high school students. The awards are available to children, grandchildren and siblings of LASPE members or local students sponsored by LASPE members in good standing (subject to board approval).

- **Undergraduate Scholarships:** \$500 scholarships are available for undergraduate college students pursuing petroleum engineering or geology, chemical, civil, mechanical, environmental or related engineering curriculums. The awards are available to active LASPE student members or SPE student members attending southern California colleges or universities.

- **Graduate Scholarships:** \$1,000 scholarships are available for college graduate students pursuing studies or conducting research in energy and petroleum related subjects. The awards are available to active LASPE student members or SPE student members attending southern California colleges or universities.

- **Bruce Davis Memorial Scholarship:** \$1,000 award is available for a USC student pursuing graduate studies in petroleum related fields, chemical engineering and chemistry. Dr. Davis, a 26-year employee of Chevron, considered himself an experimental chemist and wished to encourage students with science backgrounds to pursue a future career in the Petroleum Industry.

- **Robert & Elly Visser Scholarship:** Robert C. Visser is a private consultant in Torrance, California with over forty years experience in offshore oil and gas field development. The Vissers are sponsoring a LASPE Graduate student scholarship to help an academically deserving student in the pursuit of an advanced degree and future career as an engineer in the offshore petroleum industry. To this end they have generously sponsored a \$1,000 award available each year to a southern California university student who is pursuing engineering graduate studies with an emphasis in offshore development, structures or systems.

In addition to the above scholarships available through the section, the SPE Foundation annually awards the Gus Archie Memorial Scholarship, a four-year, \$6,000 annual grant to the outstanding college freshman pursuing an undergraduate degree in petroleum engineering. If you or your students would like more information on these scholarships, as well as the guidelines and qualifications, please go to:

<http://www.laspe.org/scholarship/scholarship.html>

The deadline for the submittal of the application is April 8, 2011. Depending on the number of applicants an interview may be required. The students will be notified of the results after the SPE Board meeting on May 10, 2011. If you have any questions about the scholarships contact:

Craig Webster
LASPE Scholarship Co-Chairman
Tel: (562) 256-1526
Email: Craig.Webster@slc.ca.gov

Society of Petroleum Engineers



Dear SPE Student Chapter Faculty Advisors and Student Chapter Presidents:

We are pleased to announce the applications for the 2011 Star scholarships and fellowships are now available. Applications within each region must be submitted by 15 March 2011. SPE will notify recipients by 20 May 2011.

Each year, SPE awards Star scholarships and fellowships globally representing a 1 million dollar commitment to education. A total of 71 Star scholarships and fellowships were awarded in 2010 representing the 15 SPE regions. Regions may customize the criteria, number and value of the scholarships and fellowships. Thus, the dollar amount of the funding varies among the Regions. See [Regional Details](#) for more information.

Scholarships are available in all 15 SPE regions to students entering or currently enrolled in university pursuing an undergraduate degree related to the oil and gas industry. The fellowships are also available in every region to graduate students pursuing a degree related to the oil and gas industry. Students must be current members of SPE and enrolled in university for a [minimum of 9 months from the announcement of the award](#). Applicants need to apply to the region based on their permanent address.

We seek your assistance and support to inform students in your student chapter and university as soon as possible of the available Star Scholarships and Fellowships. Applications and program criteria are available online at www.spe.org/go/star.

Applications must be submitted by [email](#) or mail to the attention of SPE Regional Scholarship Chairman. All applications must be typed. No handwritten applications will be accepted.

Thank you for your continuous support and dedication to SPE.

If you would like additional information or have questions please contact us at Star@spe.org

Best Regards,
Erin O'Sullivan
Regional Activities Coordinator
Society of Petroleum Engineers

LASPE MEMBERS WIN OCEC AWARDS

Along with engineers from all around Los Angeles and Orange Counties, LASPE members Leila Rashedi, Katy Canan and Bob Visser were honored at the Orange County Engineering Council's 2011 Honors and Awards Banquet on February 21st held at the Hilton Waterfront Beach Resort in Huntington Beach. Our honorees were joined at the table by members of the LASPE Board of Directors. Leila and Katy each received Young Engineer Awards in recognition of their excellent contributions and teamwork at work and for their contributions to LASPE. Bob Visser received the Outstanding Engineering Merit Award as a widely recognized expert in the design, construction and installation of offshore production platforms and for his many contributions to SPE.



It was a great evening attended by 400+ local engineers and guests. Katy was not able to attend the banquet because of her new duties in Dallas and will receive her award by mail. Shown right and above are Leila and Bob with their awards.

OUTSTANDING PROFESSIONAL OPPORTUNITY!

Position Title: *Liaison between LASPE and 2 SPE Student Chapters (USC and CSULB)*
Compensation: *Large, but entirely non-monetary*
Job Satisfaction: *Potentially Enormous*

Description of Responsibilities:

This is an opportunity to help students from our local Universities relate to the world of the petroleum industry, and to keep the membership of the Los Angeles Basin Section aware of the activities of the local Student SPE Chapters. The Liaison person(s) will take responsibility for the two-way communication between the LASPE and the Student Chapters, and coordinate joint functions, such as student participation in SPE Young Professionals activities.

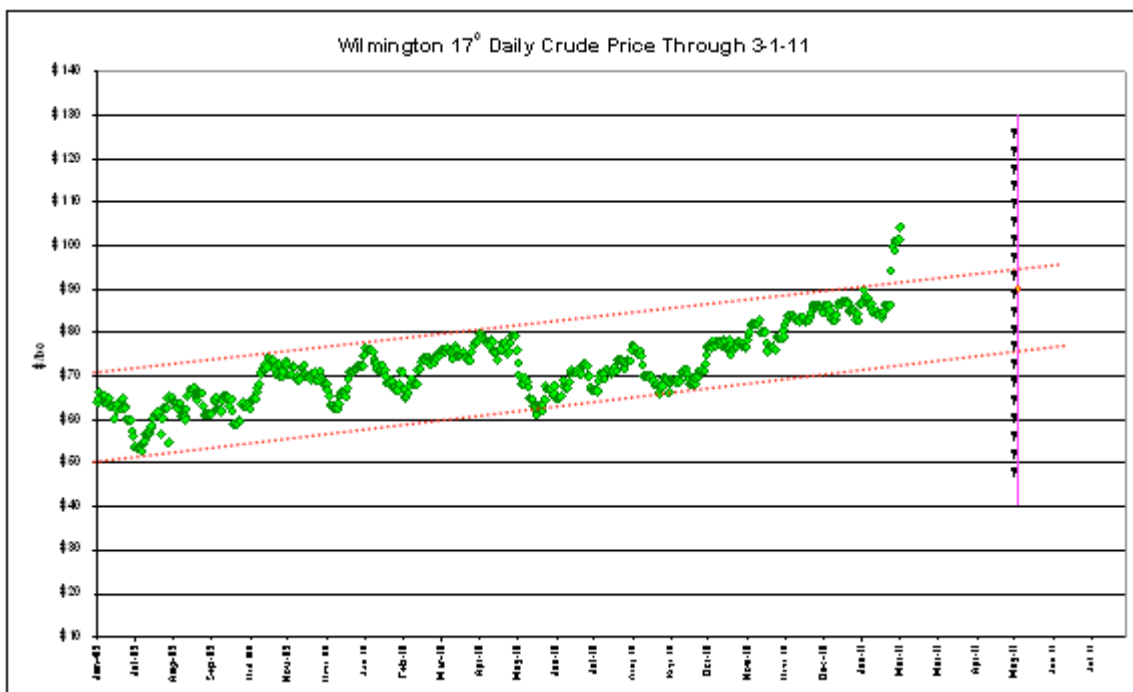
If you are interested in this opportunity, your next step is to send an e-mail expressing your interest to Mike Utt at mikeutt@roadrunner.com or to Professor Jalal Torabzadeh at torabzad@csulb.edu

JOIN IN! LASPE 2011 CRUDE PRICE CHALLENGE

The price of Wilmington 170 Crude has been on the upward trend for nearly two years. Current events in Libya and the Fed's QE2 strategy are making for a spike outside the normal \$20 trading range, but who knows if it will last? Join the "LASPE Forecast Club" and predict the price on Wednesday June 1, 2011 and win bragging rights, gift certificates and a useful and handsome trophy! There is no entry fee. Winners will be announced at the June 14th LASPE Forum.

~ Contest Rules ~

- Price basis is Union 76 Posting for Midway-Sunset 130 crude with a 40 price differential available at <http://wh.conocophillips.com/buy/postings/union76.asp>
- Enter by filling out the entry form available at the March and April Monthly Petroleum Technology Forums or by emailing your forecast \$/bo to Rick Finken at rdfinken@gmail.com
- One entry per person.
- Entry deadline is 11:59PM Tuesday, May 10, 2011.
- Winners will be announced at the June 14, 2011 Monthly Petroleum Technology Forum. Winners need not be present, but:
- The \$25 1st Prize for the closest value doubles if present on June 14th and triples with your receipt from the March 8th kick-off meeting. There will also be a 1st prize trophy.
- \$25 2nd Prize for next closest value
- There will be only one 1st and 2nd prize – earliest date or email timestamp wins in case



LASPE BOARD MEETING MINUTES
BOARD OF DIRECTORS MEETING NO. 15, FEBRUARY 8, 2011

Attending:

Mike Utt, Section Chair	Robert Visser, Assistant Treasurer
Rick Finken, Treasurer	Dr. Eric Withjack, Vice Chair
Craig Webster, Scholarships	Scott Hara, 2010 WNA Co-Chairperson
Dr. Jalal Torabzadeh, Sr. Past Section Chair	AB Gorashi Abdulrahman, Board Member
Vanessa Perez, Jr. Past Chair	Rachel Spitz, Secretary
Jack Smith, Scholarship Chair	Matthew Perry, CSULB SPE President of Student Chapter
Scott McGurk, LASPE Past Section Chair	

1. The meeting was called to order at 10:30 AM
2. The proposed Agenda was approved with three addition to the announcements.
3. The minutes of the meeting of January 11 2010, as published in LASPE Newsletter, were approved.
4. Announcements:
 - 4.01 OCEC Awards will be presented to the following LASPE members: Bob Visser, Leila Rashedi and Katy Canan, at the 2011 OCEC Awards Banquet on February 21, 2011.
 - 4.02 USC will host Dr. Zaki Bassiouni, SPE Distinguished Lecturer, for a talk on "The Role of Well Logging in Formation Evaluation," the talk may be viewed via the webinar.
 - 4.03 As crude oil costs continue to fluctuate, the LASPE will be holding their annual Crude Oil Cost contest. Details to follow at the next forum meeting?
 - 4.04 John Jepson, City of Long Beach, has archived SPE proceedings and will bring them to the next forum meeting. The archives will be available to all attendees.
5. Reports
 - 5.01 Treasurer's Report – Rick Finken: The report was approved. The LASPE continues to be in the red with forum expenses. The crude oil cost contest will be held over the next two months. Prizes will be bestowed to the 1st and 2nd place approved winners. Funds to support the prizes have been approved by the board.
 - 5.02 Student Chapters Report – Dr. Jalal Torabzadeh: Cal Poly San Luis Obispo is forming an official student chapter. The minimum requirement is 15 students.
 - 5.03 WNA Regional Update – Sam Sarem was not in attendance, Mike Utt covered this report. Sam Sarem, Mike Utt, and Scott Hara, have volunteered for the WNA regional meeting sub-committee. As costs for regional meetings are high, this sub-committee will provide insight into when, where, and how the annual meetings can be held. One item on the table is joint meetings with the Canada and Rocky Mountains sections. International meetings are held every other year outside North America, this maybe a good opportunity to hold WNA regional meetings.
6. Old Business
 - 6.01 Nominations for SPE Awards: The nominations made by Dr. Iraj Ershaghi & Vanessa Perez are supported and endorsed by the LASPE Board.
 - 6.01.1 SPE Western Regional Awards
 - 6.01.1.1 Dr. Kristian Jessen: Newly established Distinguished Faculty Award.
 - 6.01.1.2 Dr. Fred Aminzadeh: Regional Reservoir Description and Dynamics Award.

continues next page

LASPE BOARD MEETING MINUTES CONTINUES...

- 6.01.2 SPE International Awards
 - 6.01.1.1 Dr. Yannis Yortsos, Dean of the Engineering School at USC: SPE international John Franklin Carll Award
 - 6.01.1.2 Dr. Kristian Jessen: SPE International Distinguished Faculty Award
- 7. New Business
 - 7.01 The LASPE will support their local nominees at the OCEC Awards Banquet on Monday 21 February.
 - 7.02 An SPE workshop will be held April 11-12, 2011 at the Terranea Resort in Rancho Palos Verdes, CA. The workshop will cover From Shale Gas to “Liquids Rich”: Learnings and Best Practices. Featured Keynote speakers to include: Ben Dell, Co-Head, Energy Investing at AllianceBernstein; Tim Dove, President and COO, Pioneer Natural Resources Co.; and Steve Holditch, Head of the Harold Vance Department of Petroleum Engineering, Texas A&M University. Register by March 21, 2011 via the SPE website <http://www.spe.org/events>
- 8. Section Activities:
 - 8.01 Outreach – Scott Hara / Vanessa Perez: Scott Hara has been requested by La Mesa, El Camino, and Long Beach State to plan field trips to THUMS. They are also requesting lecturers. Scott will plan a talk about Energy and Reserves. Vanessa Perez, Mike Utt, and Robert Visser also volunteered to present to the schools. The outreach program is looking into ordering an Energy4me Kit, which is a useful kit of materials for presentations to help students get excited about energy.
 - 8.02 Science Fairs – Craig Webster and Jack Smith: Several science fairs will be held in our community over the next few months. The Orange County Science Fair will be held April 2 –April 10, 2011 at the O.C. Fairgrounds. The Los Angeles Science Fair will take place April 14 – April 16, 2011 at the Pasadena Convention Center. The California Science Center in L.A. will host the California State Fair is May 2 – May 3, 2011. The LAUSD Science Fair will be held May 21, 2011; the LASPE is a sponsor for this event. The Scholarship and Science Fair committees moved to recoup money spent thus far on scholarships and science fairs, the board approved this movement.
 - 8.03 Young Professionals: our section is still in need of a liaison between the LASPE and its student chapters. Nominations for the Outstanding YP Section Award are due February 15, 2011. Matthew Perry, CSULB SPE President, added that their student chapter will hold bi-monthly meeting beginning in February. The chapter would like to invite speakers to give talks on job opportunities in the industry. These talks will encourage students to continue their education in the petroleum industry. The first Engineers Week in more than a decade will be held at Cal State Long Beach, February 21-25, 2011. The CSULB SPE will be present and advertising for the SPE.
 - 8.04 Continuing Education – Dr. Jalal Torabzadeh: A board meeting will be held this month, the committee is asking for sections to help set up lectures. The technical committee is seeking key note speakers for the 2011 WRM in Alaska.
 - 8.05 Scholarships – Jack Smith / Craig Webster: Applications for scholarships are currently being accepted.
- 8. The meeting was adjourned at 11.45 AM.

POSITIONS AVAILABLE



Terralog Technologies USA, Inc., an environmental engineering research company serving the energy industry, seeks a ***Petroleum Geologist*** and a ***Petroleum or Reservoir Engineer*** to work on projects including formation evaluation, carbon sequestration, oil field waste injection, municipal waste injection and gas storage reservoir analysis.

Staff Geologist Position – responsibilities include:

1. Well log review and correlation
2. Geologic feasibility studies and risk assessment
3. Geologic mapping
4. Preparing well permit applications to EPA and state agencies
5. Overseeing logging, and sampling runs
6. Working with engineers on numerical gas migration modeling and reservoir geomechanics simulation
7. Writing grant research proposals

Minimum job requirements include:

1. BSc in Geology
2. Minimum three years experience in related work

Petroleum or Reservoir Engineer Position – responsibilities include:

1. Engineering analysis of gas storage reservoirs
2. Engineering analysis of existing and new gas pipelines for CO₂ transport
3. Cost analysis and risk assessment
4. Well design and injection operation engineering
5. Reservoir simulation

Minimum Job Requirements Include:

1. BSc in Petroleum or Reservoir Engineering
2. Minimum five years experience

The ideal candidate for both positions should also have:

1. Experience with well drilling and completion operations
2. Strong people skills
3. Experience with geologic modeling or reservoir simulation
4. Very strong computer skills, including MS Word, Excel, Project, and Powerpoint
5. Excellent communication skills

Base Salary depends on experience and qualifications, plus annual performance bonus.

May consider a part-time graduate student.

Interested candidates please email resume (no phone calls please) to:

Jean Young
General Manager
Terralog Technologies USA
Email: jtyoung@terralog.com

SERVICES OFFERED

Petroleum Engineering Professional Registration

What are the requirements to take the Petroleum PE Exam? Today, California requires that you have:

1. An engineering, math or science degree.
2. Passed the Fundamentals, or EIT Exam.
3. At least four years of professional experience.

Interested? Contact the California State Engineering Board at (916) 263-2230 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The California application deadline to take this years PE Exam is July 8, 2011. This year's test will be given on Friday, October 28, 2011.

PROFESSIONAL REGISTRATION REVIEW COURSE FOR PETROLEUM ENGINEERING

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

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall. **INSTRUCTOR:** Bing Wines, PE

LOS ANGELES COURSE (8:00 AM - 5:00 PM)
Monday through Friday
September 26 – 30, 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

**Reservoir Management
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Acquisition and Divestitures**

Scott W. McGurk
Petroleum Engineering Consultant
LA Basin SPE 2007 Past Chairman
714-403-9839
LOVESM@IX.NETCOM.COM

DAVID B. DEL MAR
Consulting Petroleum Geologist
California Registered Geologist #634

Development - Thermal EOR - Property Reviews

2027 Park Drive
Los Angeles, CA 90026

C (323) 219-3804
H (323) 664-3358
dbdelmar@earthlink.net

2011 Annual SPE Golf Tournament - SAVE THE DATE!!!

The Annual LA Basin SPE Charity Golf Tournament is set for May 6th, 2011. Once again we will be returning to Los Serranos Country Club in Chino Hills. Tell your friends and acquaintances about this great tournament and plan to attend.

Make your plans to attend early - teams have already started signing up. We expect this event to sell out, so don't get left out.

Interested parties and **VOLUNTEERS PLEASE** Contact Rich Manuel at rmanuel@mindspring.com.



CURRENT BOARD, OFFICERS & CHAIRS

As of October 2010				
E-mail	Names	Position	Contact Numbers	
torabzad@csulb.edu	Jalal Torabzadeh	Senior past chair/Section Membership Chair		voting
chad.horton@tigerhd.com	Chad Horton	Young Professional Chairperson	562-426-4044	
dremmw@yahoo.com	Eric Withjack	Vice Chair Board Member-2012	562-347-2504 562-347-2500	voting
SantiaE@slc.ca.gov	Ed Santiago	Scholarship/Science Fair committee		
goras9@aol.com	AB Gorashi	Board Member-2011	916-798-0700	voting
lrashedi@betaoffshore.com	Leila Rashedi	Forum Chair	832-372-9345	
Larry@4thForge.com	Larry Gilpin	Webmaster	714-847-7119	
rspitz@ptslabs.com	Rachel Spitz	Secretary	714-264-3984 cell 562-347-2504	
Craig.webster@slc.ca.gov	Craig Webster	Board member-2013 Scholarship Committee		voting
jack.smith@slc.ca.gov	Jack Smith	Scholarship Chair		
mikeutt@roadrunner.com	Mike Utt	2010-2011 Chairperson	714-488-8952 872-8495	voting
Rcvbelmar@aol.com	Robert Visser	Board member-2011/Assistant Treasurer	310-378-7925	voting
Sam4IPRC@aol.com	Sam Sarem	Nominating Committee		
Scott_Hara@oxy.com	Scott Hara	Community Outreach	626-482-6757	
katy_Canan@oxy.com	Katy Canan	Board Member 2013		voting
perezv28@gmail.com	Vanessa Perez	Junior past chair/student outreach	661-342-2955	voting
rdfinken@gmail.com	Rick Finken	Treasurer	310-200-4846	

Please notify SPE Headquarters directly with change of address: P.O. Box 833836, Richardson, TX 75083 Tel: (800) 456-6863 Fax: (972) 952-9435 or go to <http://www.spe.org/mbrservices/index.cfm> We appreciate your feedback. Send your comments/suggestions/contributions to Larry Gilpin, Editor: larry@4thforge.com

VISIT the LA SPE Web Site @ www.LASPE.org