



In this issue:

- **Message from the Chair**
- **April Petroleum Technology Forum**
- **LASPE 2009 Charity Golf Tournament**
- **Young Professionals Ambassador Lecture Program (ALP)**
- **Young Professionals Networking Event**
- **Crude Price Challenge**
- **CSULB SPE Student Chapter Report**
- **USC WRM Report**
- **March Minutes of Board Meeting**
- **February Minutes of Board Meeting**
- **Position Available**
- **Services Offered**
- **GOLF TOURNAMENT FLYER**

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www.LASPE.org

A Message from the Chair

Dear fellow SPE members,



The 2009 SPE Western North America Regional Conference held March 23-26 in San Jose, California was an interesting and informative meeting. The meeting organizing committee led by the Golden Gate Section did a great job of putting together a diversified program of panel, technical, and poster sessions as well as many company exhibitions despite the deteriorating economic situation and the tough time for the industry. The meeting offered many excellent sessions on various aspects of the meeting theme: New Solutions for Maximizing Recovery and Value.

The meeting started with a plenary session on “Delivering Energy, Protecting the Environment”. A panel of industry, academic, and government experts discussed various topics on current and future energy demand and supply, required technology, environmental issues and considerations including global warming, carbon dioxide emissions, meeting the carbon challenge in the oil industry, as well as human resource requirement, training and education, and needed cultural changes.

There were 3 other plenary sessions on “Mature Fields in California: Opportunities and Challenges”, “Natural Gas Supply and Demand”, and “Carbon Management”.

Experts and outstanding panelists from industry, government, and academic discussed the future of California’s oil and gas industry, application of new technologies to boost production, investments and other opportunities and challenges in California’s oil and gas industry, role of the independent companies in further development and optimized production from mature fields, as well as carbon management needs and technology solutions. In addition to the 4 plenary sessions, the meeting offered 10 technical sessions with more than 50 papers on various topics of interest to our region.

Continued on next page . . .

A Message from the Chair continues

Message from the Chair continues . . .

The 2009 WNAR SPE Annual Regional Award Luncheon was held on Wednesday March 25. This year's regional award recipients are:

1. Aera Energy, Corporate Award
2. Joseph L. Anders, BP Exploration, Alaska Section, Management and Information Award
3. Ahmed Badruzzaman, Chevron, Golden Gate Section, Formation Evaluation Award
4. Timothy A. Frame, BJ Services Company, San Joaquin Valley Section, Regional Service Award
5. Jerry Hale, Chevron, Golden Gate Section, Regional Service Award
6. Jairam Kamath, Chevron, Golden Gate Section, Reservoir Description and Dynamics Award
7. Russell Lockman, Halliburton, San Joaquin Valley Section, Production and Operations Award
8. Richard Ames Seaman, Chevron, San Joaquin Section, Drilling Engineering Award
9. Charles Webb; Chevron; San Joaquin Valley Section; Projects, Facilities, and Construction Award
10. William D. Wood, Chevron, San Joaquin Valley Section, Completions Optimization Award
11. Robert Younger, BP Exploration, Alaska Section, Outstanding Young Member Award

The Keynote Speaker for the luncheon was Mr. John McDonald, Chevron Chief Technology Officer, who gave an excellent talk on the role and the need for "Innovations" in solving worldwide problems. He gave several examples of how past technological innovations have led to solving major societal problems and resulted in the change of the course of human life and development. He elaborated on the challenges facing the world today as regard to energy sources and applications, energy-related environmental issues, and sustainability. He emphasized the need for innovation, technology development, and collaboration at all levels to substitute the current main world energy resource (fossil fuel), a high-density and relatively inexpensive energy and its supply system developed over more than a century, with low-density and more expensive energy alternatives over a short period of time. This is the main challenge not only for the energy industry but the whole world which in addition to many technological and economical considerations requires major cultural changes and can take years.

On March 23rd, the day before the start of the conference the 2009 Annual WNAR SPE Student Paper Contest was held with participation of contestants from University of Alaska, Stanford University, and University of Southern California at BS, MS and PhD levels. A report from our section SPE student chapters elaborating on the contest, winners, award banquet, and regional universities alumni gathering is given in this issue of the newsletter.

Finally, CONGRATULATIONS to our dedicated and long term member of the Board of Directors, Dr. Sam Sarem, who will assume the Western North America Regional Director position in October 2009.

I am looking forward to your participation in our section activities including the monthly Petroleum Technology Forum. Also please consider participating and inviting your friends and colleagues to be part of the LA Section Charity Golf Tournament on May 15.

See you soon,

Jalal Torabzadeh
LASPE Chairperson 2008-2009

LA SPE Petroleum Technology Forum

“Cost Savings Associated with Digital Oilfields”

The next Petroleum Technology Forum will be held on Tuesday, April 14, 2009 at the Long Beach Petroleum Club, 636 Linden Avenue, Long Beach, CA 90807. The speaker will be Professor Mason M. Medizade, with Petrolects, LLC. Abstract and speaker bio follow.

<u>Location:</u> Long Beach Petroleum Club 3636 Linden Avenue Long Beach, CA 90807	<u>Time:</u> Registration: 11:30 AM Buffet Lunch: 11:30 AM Presentation: 12:00-1:00 PM	<u>Cost:</u> \$20.00 members, Free for students.
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“Cost Savings Associated with Digital Oilfields”

Abstract:

Oil production in California is extensively challenging and demanding. The heavy high viscosity oil is a major component of fossil fuel availability in State of California. The high viscosity and low flow rate of marginal wells call for application of lower cost technologies so our oilfields could stay on production for more years to come. We can use information of no flow, increasing flow, decreasing flow, constant flow and make important decisions to generate revenues for our operations. Same can be said about temperature and pressure monitoring. How much are we willing to pay for reliable data? How far are we willing to go? Cost savings associated with flow, temperature, and pressure monitoring along with technologies available will be discussed in this presentation.

Biography:

Professor Mason Medizade has been involved in teaching, research and consulting in renewable and non-renewable energy sources since 1984. He is a faculty member in the mechanical engineering department at Cal Poly State University in San Luis Obispo where he focuses on energy, thermodynamics and fluid mechanics. Professor Medizade has taught numerous, short courses in petroleum engineering to clients such as PTTC, Texaco, NIOC, Pertamina and others. He is an active member of the Cal Poly community.

Dr. Medizade, and his associates, established Petrolects, LLC, in San Luis Obispo in 1993. Petrolects is a petroleum engineering consulting and training company focusing in digital oilfields at the present time. Under a contract from Department of Energy, Petrolects designed and field tested a low cost flow measuring sensor with possible applications for condition monitoring and control of the rod pumps used in oil production specifically for marginal wells in 2002. Subsequent to DOE contract, Petrolects has completed few more pilots targeting challenging high temperature heavy oil reservoirs under steamflooding. Petrolects web site is www.petrolects.com.

Dr. Medizade is an active member of SPE. He holds Ph. D and M.S degrees from USC in petroleum engineering and B. Sc in chemical engineering from Abadan Institute of Technology, AIT in Abadan, Iran.

Katherine Wallgren, Forum Chairperson, Katherine_Wallgren@oxy.com

LASPE Charity Golf Tournament – May 15, 2009

2009 LASPE Charity Golf Tournament – May 15, 2009!

The Los Angeles Basin Section of the Society of Petroleum Engineers' annual scramble start Charity Golf Tournament at Los Serranos CC in Chino Hills is the key fundraiser for all our activities throughout the year – scholarships, community outreach and continuing education.

This year's tournament continues the tradition of plenty of golf, friends and fun. Included in your entry fee is the pre-tournament BBQ courtesy of

Weatherford, prize opportunities on the course including the longest drive and closest to the pin and the post tournament banquet and raffle. Sign up a team to challenge others for the company cup. Sign up as a single and the tournament committee will place you in a foursome to meet new friends and contacts. Pay by cash, check or with your credit card through PayPal. There are links on the LASPE website (LASPE.org) that direct you to the sign-up page.



Festivities start at 10:30 on May 15th. Come out early and enjoy the BBQ lunch, hit a bucket of balls and enter the putting and chipping contest to win extra raffle tickets. The shotgun start is at 1:00 PM. See you on May 15th.



Mike Filbey
2009 Tournament Chairman

LASPE YPSPE Ambassador Lecture Program

YPSPE Ambassador Lecture Program (ALP) at CSULB – March 25, 2009

The Chemical Engineering Department of California State Long Beach recently organized an information session for young engineers to expose them to opportunities available in the Oil and Gas Sector. Dr. Larry Jang, Head of the Department, John Roby and Adi Varma from Oxy Long Beach Inc. and about two dozen students from various departments participated in this discussion. The interdisciplinary audience consisted of chemical engineers, geologist and a few business graduates.

Dr. Jang introduced the speakers and gave a brief background of the Oil and Gas industry and how meticulously explained where and how chemical engineers fit into the highly diversified industry. He struck an interesting note when he justified fluid flow and phase behavior subjects with the flow of oil and gas, miles below the surface of earth through porous rocks. It was indeed an eye opener for a lot of students as they visualized the application of equations and boundary conditions, they so often see being thrown at them.

John Roby, a production engineer from Oxy, then stepped in and made the discussion even more interesting by giving practical industry examples and recollecting his own experiences. He talked about his role as a production engineer and what his typical day at work turns out like. He also touched the ever hot discussion about oil prices and its impact on the industry. It was pleasantly surprising to the audience when he concluded that even in harsh economic environment like this, they were well positioned to enter the industry at competitive salaries. The various factors that drove up and down the oil prices were presented and explained.

Talking about various disciplines within the oil industry aroused a lot of interest among the students, as everyone got a perspective about where they could individually fit in the best. Some were taken aback at the data he provided, that they were actually studying/sleeping/eating/living on the third largest oil field present in the US. Recovery techniques were discussed and since there is a lot of potential for research and development in this area, it stresses upon the young engineers to think about being active in R&D.

John also explained Oxy's position in the market and explained how it was in a good position to weather all kinds of price fluctuations and provided data about its growing reserves. The highly complicated technology used in drilling at THUMS Long Beach was depicted with actual well paths.

A few questions cropped up as well regarding what the most interesting aspects of John's and Adi's work were, which they gladly answered. At this point, Dr. Jang further collaborated about advantages of being chemical engineers and being in the oil industry. Salary structures were presented as well. The importance of being a good operations person was highly emphasized as well, as this lays the foundation of moving up the career ladder.

Oil industry is here to stay and prosper and this was communicated well by Dr. Jang and John.

Adi Varma

Aditya_Varma@oxy.com

LASPE YP Social Networking Event

Young Professional LASPE – First Gathering of 2009

The first gathering for Young Professionals was held at Sangria Restaurant, Hermosa Beach on Thursday, March 5, 2009. There was a good turnout of both young professionals and college students at the event. It was a good opportunity for the young professionals to meet others in the industry and interact in a non-work environment. USC SPE chapter officers showed up and got the chance to meet young professional and ask questions about the industry.

The next event coming up for LASPE YP is mingle with Colorado School of Mines Petroleum Engineering Students on May 21, 2009. We look forward to another great turnout. If you weren't able to make it to the first event please email Leila Rashedi at leilarashedi@gmail.com to get more information. If you are interested in joining LASPE YP and have less than 10 years experience, please contact Katy Canan at katy_canan@oxy.com



Young Professional SPE Officers:

From Left: Candra Janova, Katy Canan, Leila Rashedi, and John Roby

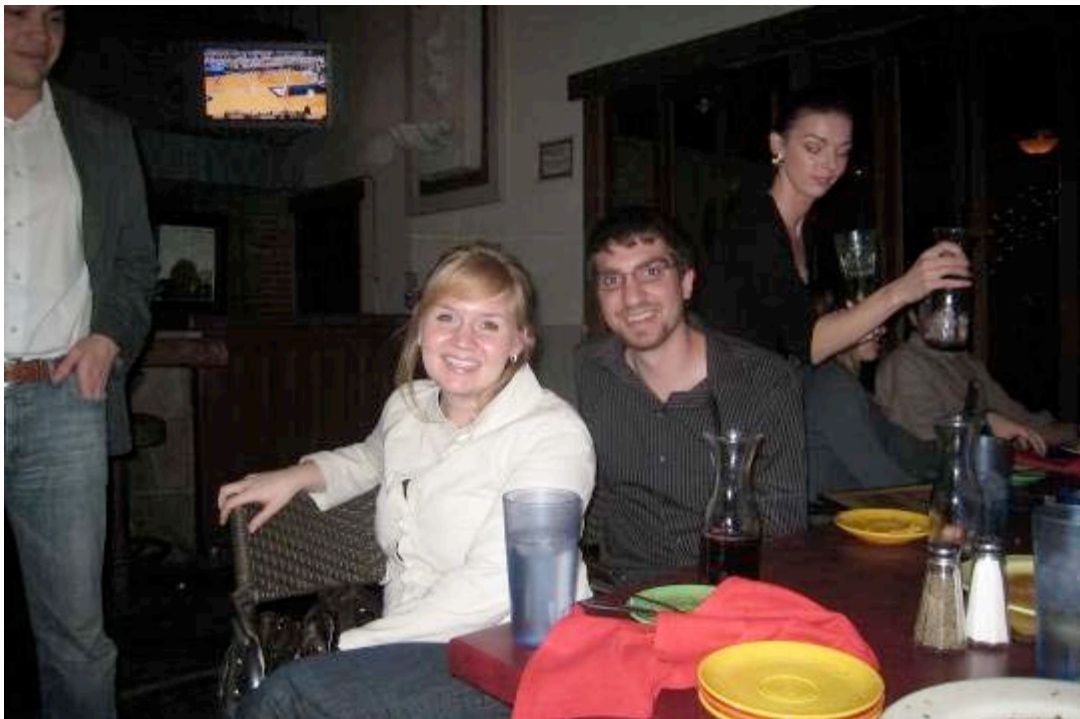
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LASPE YP Social Networking Event - continued

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USC Master Students



Officers of USC SPE Student Chapter

LASPE 2009 Crude Price Challenge

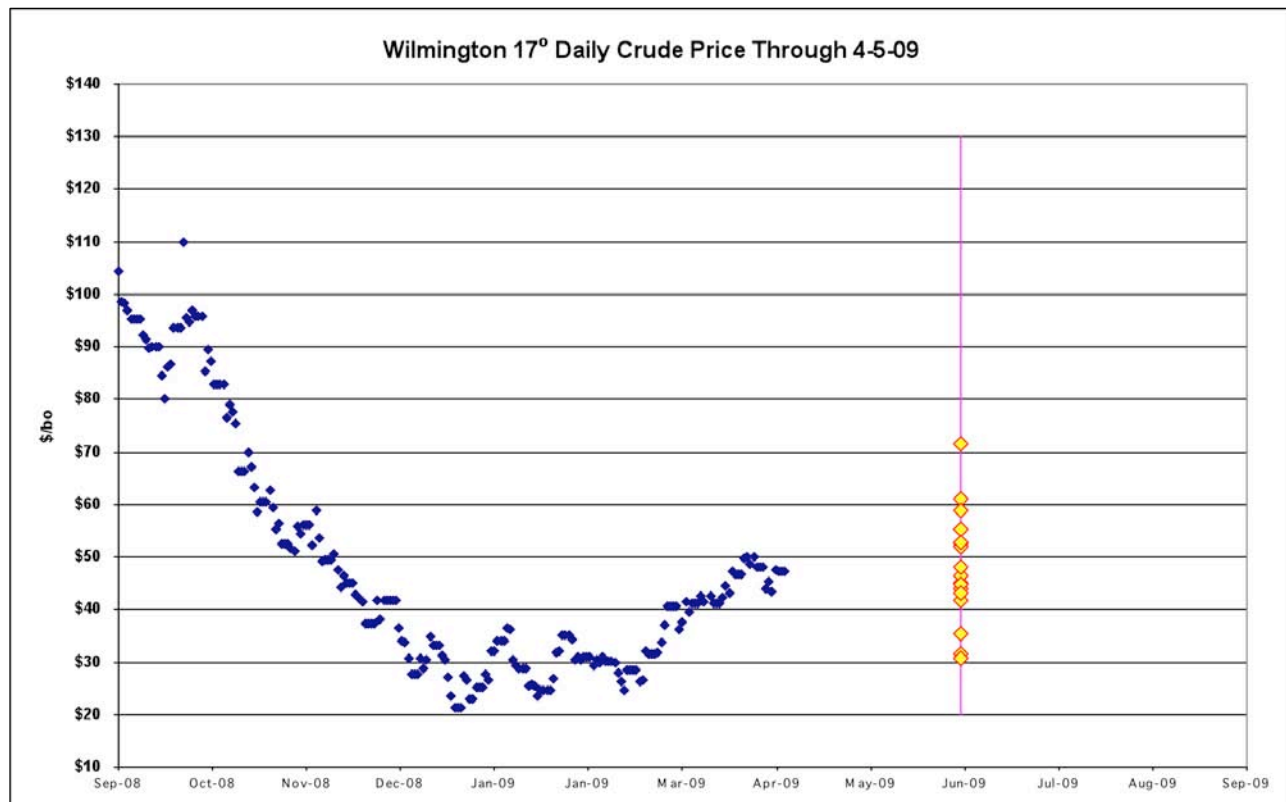
Join in! LASPE 2009 Crude Price Challenge

The price of Wilmington 17^o Crude has been on the upward trend since mid-February. Buyers lately seem to have settled on a price in the high \$40s. Will it stay there or move up? Or down? Join the growing list of price prognosticators and forecast the price as of June 1, 2009 and win bragging rights, gift certificates and a useful and handsome trophy! Winners will be announced at the June 9th LASPE Forum.

The price basis is the Union 76 Posting for Midway-Sunset 13^o crude with a 4^o price differential available at <http://wh.conocophillips.com/buy/postings/union76.asp>. You can enter two ways: 1) by filling out the entry form available at the April 14th Monthly Petroleum Technology Forum or 2) by emailing your forecast \$/bo to Rick Finken at richard_finken@longbeach.gov. Only one entry per person and the entry deadline is 11:59PM Tuesday, April 14, 2009.

The winners will be announced at the June 9, 2009 Monthly Petroleum Technology Forum. Winners need not be present, but there is good reason to be there. First, there will be a 1st prize trophy and the \$25 1st Prize for the closest value doubles if present on June 9th and triples with your receipt from the March 11th meeting. There will also be a \$25 gift certificate 2nd Prize for next closest value.

There will be only one 1st and 2nd prize – earliest date or email timestamp wins in case of duplicate winners.



Report from CSULB Student SPE Chapter

Report of Activities from SPE Chapter at CSULB

Greetings from CSULB SPE Student Chapter of CSULB. Here is a summary of some of the CSULB chapter's recent activities.

Two officers from the chapter had the opportunity to attend SPE Western Regional meeting in San Jose, CA on March 23rd, 2009. The officers attended the student paper contest and were able to gain an understanding of what it takes to deliver a research paper towards petroleum engineering at the competitive level. The officers also attended the student awards banquet and had an opportunity to interact with fellow SPE members, students and professionals alike. It was truly a unique experience.

A joint meeting of AIChE (American Institute of Chemical Engineers) and SPE student chapters at CSULB was held on March 25th, 2009 from 12-1pm on the Long Beach campus. Mr. John Roby, Production/Reservoir Engineer from THUMS Long Beach Company (Oxy) gave an informative talk entitled "Opportunities in the Oil Field". The talk was an informative presentation on the current outlook of jobs in the oil industry and also gave a well rounded background on the local company, THUMS and its operations in Long Beach. The presentation was a relevant take on what to expect now and in the near future of the oil industry. A possible student field trip to one of THUMS' oil islands in Long Beach was also mentioned.

Energy day which was put on by MESA in collaboration with Los Angeles Basin Section of SPE was held at CSULB campus on Saturday March 28th, 2009. Many local high school students attended the energy fair in which many volunteers from local companies and organizations participated in to teach young students the vast scope of energy and its impacts on the world. SPE club members had the opportunity to volunteer by helping to set up student energy projects in the engineering classrooms, directing students to presentation locations on the campus and interacting with the students for any questions they had of college preparation towards an engineering discipline. Overall it was a great day for SPE to participate with other school organizations and students from the community.



Student Paper Contest Awards Banquet



CSULB students at the SPE 2009 Student Paper



USC & CSULB students enjoy lunch with Dr. Torabzadeh

SPE Western Regional Meeting 2009 (USC Student Report)

The 2009 Western Regional Meeting was held in San Jose, California from March 23rd to March 26th 2009. The University of Southern California and its SPE student chapter were represented at this conference. Several Graduate and Undergraduate students attended the meeting and participated in the scheduled events. This provided an outstanding opportunity for students to form connections in the industry and learn about the petroleum profession.

On Monday March 23rd, the regional Student Paper Contest was held which allowed students at the Bachelor's, Master's, and Doctorate level to showcase their skills and research, competing against other students from Stanford University, University of Alaska and University of Southern California. USC students, Reza Rastegar and Heng Li participated in the PhD level and Dinesh Babu participated in the Masters level. All three students performed well on their presentations and Heng Li was honored to receive a third place prize on the PhD level. The day was concluded with a student banquet where the winners were announced. In addition, SPE Western Regional President for 2010 provided a talk about the energy challenges facing the oil and gas industry and the state of the society of petroleum engineers.

The events continued on Tuesday with the start of the exhibition showcasing different products and services from different companies and providing several technical presentations. Students attended several of the technical presentations and learned significantly from the technologies presented and discussions provided.

On Wednesday March 25th, USC students participated in several presentations about Reservoir Management listed below:

- **A Novel Method for Mapping Fractures and High-Permeability Channels in Waterfloods Using Injection and Production Rates** K. Lee, A. Ortega, A.M. Nejad, N. Jafroodi, I. Ershaghi, University of Southern California
- **A Mutual Information-Based Metric for Identification of Nonlinear Injector-Producer Relationships in Waterfloods** A. Khodaei, H. Lee, F. Banaei-Kashani, C. Shahabi, I. Ershaghi, University of Southern California
- **A New Method for Continual Forecasting of Interwell Connectivity in Waterfloods Using an Extended Kalman Filter** D. Zhai, J.M. Mendel, F. Liu, University of Southern California
- **Forecasting the Post-Fracturing Response of Oil Wells in a Tight Reservoir** J. Joo, D. Wu, J.M. Mendel, A. Bugacov, University of Southern California

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USC Report on SPE WRM 2009 continues

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Overall, the event provided a great opportunity for students to network and advance their engineering careers. The event also provided motivation for students to actively participate in the advancement of SPE through volunteering. Next year's event will be held in Alaska and USC SPE student chapter members are excited in actively participating and competing at the meeting.

Reported by:

Adnan Azrak – USC SPE Chapter Officer

Sanaz Seddighrad – USC SPE Chapter Officer



LASPE Board Minutes from March

LASPE Board Meeting Minutes - March 11, 2009

1. Meeting called to order at 10:20 AM on Wednesday, March 11, 2009. Attendees were Vanessa Perez, Mike Utt, Rick Finken, Eric Withjack, Jalal Torabzadeh, Rick Reeves (via phone) Scott Hara, Sam Sarem, Candra Janova, AB Goras and Robert Visser.
2. The meeting agenda was approved.
3. The minutes of the February 10 meeting were still in draft, and not available to be approved.
4. Announcements:
 - a. Sam Sarem's nomination to stand for election to the SPEI Board as the Director for the Western North America Region (WNAR.) was approved at the Board of Directors' meeting in Doha on 1 March. He will be elected officially to the Board on 1 June, barring a member petition to hold a ballot election.
 - b. The WNAR was one of only 3 Regions to have a full slate of 11 award recipients. Unfortunately, none of those was from the Los Angeles Section, although some are past members of LASPE.
5. Treasurer's Report: The Report was updated to include the Board's budget approved at the February 10, 2009 Board Meeting. For February 2009, expenses exceeded income by \$1,814.47. For the five month total, income has exceeded expenses by \$146.47. As of the end of February, total LASPE assets are \$76,083.60.

The first disbursement for Science Fairs was made in February to the Long Beach USD (\$1,000). This was partially offset by the SPE membership rebate of \$758 received in February. An unbudgeted item, \$800 for the February OCEC Awards Banquet, was charged to line 55, Special Projects. The outlook is for increased activity for the Charity Golf Tournament, the March 28th Energy Day and support of the California, Orange County and Los Angeles Science Fairs.
6. The Chairman and Vice Chair provided a report on the recent teleconference of the Western North America Region. Projected attendance at the upcoming Regional Meeting, scheduled in San Jose on 24 – 26 March is less than expected.

The 2010 Regional Meeting is planned for Alaska, and the 2011 meeting will be hosted by LASPE. It is anticipated that Regional Meetings will be co-hosted with the AAPG.

Also discussed on the WNAR teleconference were new scholarships funded by the SPE Foundation, to be administered by the Regions. These provide \$5,000 for undergraduates and \$10,000 for graduate students.

7. Student Chapters: Both the USC and CSULB Student Chapters have requested support for students travelling to the Regional Meeting in San Jose. Chairman Torabzadeh requested Candra Janova to e-mail the Student Chapters for more specific information about how many students are travelling, the arrangements, other funding, and how much funding is needed from LASPE. It is anticipated that the Board will approve funding student travel, voting by e-mail, in the next week.

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LASPE Board Minutes from March continues

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8. Updating of the LASPE Website. AB Goras has been looking into redesign of the website, and will continue that effort. Among the items discussed were a link to the Young Professionals website, and links to Student Chapter websites.
9. MESA Energy Day at CSULB. Planning is well advanced for Energy Day at Cal State Long Beach on Saturday, March 28. About 300 high school students and 25 of their teachers from the Long Beach area are expected. The need for additional volunteers was pointed out, including judges for student contests and proctors for a practice PSAT test.
10. The annual LASPE Golf Tournament will be held at Los Serranos Country Club in Chino on the afternoon of Friday, May 15. Sign-up information is available on the Section's website at <http://www.laspe.org/>
11. Science Fairs: The Section is supporting Science Fairs, including
 - a. In LA County on April 15
 - b. In Orange County on April 22
 - c. The State Science Fair, at Exposition Park in Los Angeles on May 18.Volunteer judges are welcomed at each of these events – please contact Jack Smith.
12. Scholarships: Jack Smith reported that no scholarship applications have been received so far but that is consistent with experience from past years. Jack expects a rush of applications in the final week before the April 10 deadline. The board will review scholarships in the scheduled April 14 meeting.
13. Young Professionals: Candra Janova reported on the successful YP social event held in Hermosa Beach on March 5. Both working professionals and Student Chapter members attended, and total attendance was over 20. The next YP event will be participation in the Energy Day at CSULB – see item 9). Chairman Torabzadeh pointed out that the LASPE's Young Professionals group had been congratulated by the SPEI Student Section Manager for their effective outreach efforts to the Student Chapters.
14. Continuing Education: A short course in PVT Analysis was offered to the Section as an opportunity for continuing education. There was some discussion of the content and cost (\$550 per student) of the course. The thought was expressed by a couple of Board members that courses in Oilfield Economics and Technical Report Writing would be of more general applicability and should be of higher priority. No action was taken on the PVT course.
15. Kate Wallgren gave an update on the Technical Forum. Programs are lined up for April, May and June. For the 2009-2010 season, the Section will have 4 SPE Distinguished Lecturers, not including any who may be available locally. Three other programs have also been offered for next year.
16. The meeting was adjourned at 11:48 AM.

LASPE Board Minutes from February

LASPE Board Meeting Minutes – February 10, 2009

1. Board meeting called to order at 10:18 am, February 10, 2009. Attendees were: Jalal Torabzadeh, AB Goras, Sam Sarem, Rick Finken, Mike Utt, Vanessa Perez, Eric Withjack, and Rick Reeves.
2. Vanessa Perez accepted the nomination for the vacant LASPE chapter vice-chair position. Mike Utt made a motion to elect Vanessa vice-chair, AB Goras seconded, and the Board approved.
3. Treasurer's Report
 - a. Rick Finken gave the treasurer's report. January expense exceeded income by \$508; however, for the past four months, income exceeded expenses by \$1961. As of the end of January, total LASPE assets were \$78,446.
 - b. Rick Finken proposed postponing to the end of the year any decision concerning eliminating the checking account for the technology forum. This would leave one account for the LASPE section. Vanessa Perez made a motion to accept Rick's proposal, AB Goras seconded, and the Board approved.
4. 2008-2009 LASPE Budget Discussion
 - a. Sam Sarem suggested that the budget for the FSEA program include \$750 each for Mabel Paine and Glenn Knoll schools, and \$1550 each for two candidate schools to get their FSEA programs off the ground. Jalal and Vanessa will propose two candidate schools. This will increase the budget for FSEA from \$1500 to \$4600. Vanessa made a motion to approve, AB seconded, and the Board approved.
 - b. Young Professionals – Last year, YP had a budget of \$3500 plus additional funding from sponsors. For this year, Candra Janova would like to expand the program to include more activities and to appoint several officers to organize the program for the LASPE chapter. In addition, for this year, Candra requested that the Board approve the same \$3500 budget for YP as last year. Vanessa made a motion to accept Candra's requests, AB seconded, and the Board approved.
 - c. Science Fair – The Board approved increasing the budget for the Science Fair awards to various school districts to \$2600 from the \$2500 budgeted last year.
 - d. Scholarships – The Board approved increasing the budget for scholarships to \$14,700 from \$12,500 last year.
 - e. The 2008-2009 budget, including the approved changes above, was submitted for approval subject to readjustment later in the year depending on the amount of money raised from the annual Golf Tournament. Rick Reeves made a motion to approve the budget, Mike Utt seconded, and the Board approved.
5. Meeting adjourned at noon.

Position Available

ENERGY AND MINERAL RESOURCES ENGINEER

DEPARTMENT OF CONSERVATION

Final File Date: Continuous

Monthly Salary:

Range A: \$ 4729.00 - \$ 5474.00

This is an open examination. Applications will not be accepted on a promotional basis. Career credits do not apply.

Who Should Apply:

Persons who meet the minimum qualifications as stated in the [Job Description \(specification\)](#). **Note:** Accepted applicants are required to bring either a photo identification card or two forms of signed identification when required to appear for the examination.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION EDUCATION

NOTE: It is your responsibility to make sure you meet the education and/or experience requirements stated below. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as Either "I", or "II", or "III", etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.

Either I: Equivalent to graduation from college with major work in geology, petroleum engineering, or a closely related field of engineering. (Qualifying experience may be substituted for the required education on a year-for-year basis. This experience must have included responsibility for inspection of oil, gas, and geothermal well drilling, production, maintenance and abandonment operations, and related activities or must have included work in a minerals extraction program. In California state service, one year at the Oil and Gas Technician III level meets this qualification.) Registration as a senior in a recognized college will admit applicants to the examination, but they must produce evidence of graduation before they can be appointed.

Or II: One year of experience performing the duties of a Mineral Resources Engineering Technician III. **and** completion of the equivalent of 18 college semester units in engineering, geology, or a closely related field.

All applicants must complete and return the entire examination packet. The examination packet must include the following, which may be obtained from <http://www.conservation.ca.gov/index/Pages/jobs.aspx> or the links below:
State Examination Application (Form STD 678)
Conditions of Employment (DOC 631 REV. 10/98)

Services Offered

**Reservoir Management
Drilling Programs
Waterflood Optimization
Tertiary Recovery / EOR
Economic Evaluation
Acquisition and Divestitures**

Scott W. McGurk
Petroleum Engineering Consultant
LA Basin SPE Jr. 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

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 If you no longer wish to receive this newsletter, please send an email to larry@4thforge.com

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

SPE
Charity Golf Classic

May 15th, 2009

Los Serranos Country Club

15656 Yorba Ave. Chino Hills, CA 91709

2 Courses - 288 Players – Scramble format

The Banquet & Raffle

Pre-Tournament BBQ and events at 10:30am

Check-in at 11:00am, Shotgun Start at 1:00pm

The Company Cup Challenge!!

Put your best Company Teams together and challenge the *best of the rest*

Tournament Sponsorship Opportunities

Eagle \$2300

Includes 3 Foursomes, Tee Sponsorships on each course, mulligans, 5 Raffle tickets per player, name on banner and ads.

Birdie \$1600

Includes 2 Foursomes, Tee Sponsorships on one course, green sponsorship on the other, mulligans, name on banner and ads.

Par \$1400

Includes 2 Foursomes, Tee Sponsorships on single course, mulligans, name on banner and ads.

Tee Sponsors

\$100 for one course or \$150 for both courses

Raffle

\$5 per ticket or 5 for \$20.00 (No Limit!!!)

Company Cup Challenge

Entry Fee - \$100 plus foursome fee.

(3 of 4 golfers must be company employees. No PGA professionals)

To sign up, and pay by check, complete form, make the check payable to "L.A. Basin SPE"

And mail the check and completed form to:

L.A. Basin SPE

Attn: Ben Morales

c/o Thums Long Beach Company

P.O. Box 2900

Long Beach, CA 90801

To sign up using PayPal, fill out the form, check the box marked "Payment via PayPal, go to LASPE.org and pay through PayPal and send your completed form to the address above.

Questions? Contact Ben Morales @ (562) 624-3399 or Mike Filbey @ (562) 624-3526

Tournament Sponsor Packages

Please list your foursome. Check which package you want:

Eagle (\$2300) Birdie (\$1600) Par (\$1400)

Team Company Cup Challenge (\$100) Foursome (\$500 each)
Mulligans and on-the-course contests included!

1st Foursome Foursome entered in Company Cup Challenge

1. _____

2. _____

3. _____

4. _____

2nd Foursome Foursome entered in Company Cup Challenge

1. _____

2. _____

3. _____

4. _____

3rd Foursome Foursome entered in Company Cup Challenge

1. _____

2. _____

3. _____

4. _____

Total Cost, Sponsor Package(s): \$ _____

Total Cost for Foursome(s): No.: _____ x's \$500 each \$ _____

Single Price \$150 (Subject to availability) \$ _____

Team Company Cup Challenge Entry Fee (\$100) \$ _____

Tee Sponsorships @ \$100 for one course

or \$150 for both courses. No.: _____ Total Due: \$ _____

Charitable Monetary Contribution: \$ _____

Raffle tickets: \$5 each or 5 for @ \$20. No. _____ Total Due: \$ _____

Dinner only: No.: _____ x's \$35 each : \$ _____

Grand Total Due: \$ _____

Please send completed form with check or sign up at LASPE.org and pay through PayPal

And send completed form no later than Friday, May 1, 2009

No reservations without payment in full. Submit payment immediately and forward golfers names later if need be. FIRST COME, FIRST SERVED!

Attention Credit Card Users

Please contact us in advance for information regarding the use of "PayPal"

Payment via PayPal. Send your completed form.

Name of Company: _____

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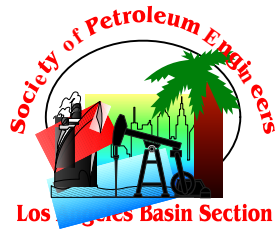
Contact: _____

Email address: _____



Please contact me. I would like to make prize(s) donations to the tournament. If you have any questions, call (562)624-3526 or (562)624-3399.

Banquet & Raffle
Golf
BBQ by Weatherford
 Los Serranos Country Club, Chino Hills, California
 May 15th, 2009
Charity Golf Classic
Society of Petroleum Engineers
2009



C/O Thums Long Beach Company
 P.O. Box 2900
 Long Beach, CA 90801-2900

A note from the Chairman

Oh what a difference a year makes. When writing last years “Note from the Chairman”, it was all about the need for us old oil industry veterans to train the youthful up-and-comers to take our place when retirement comes knocking, as well as fill the large engineering voids created by the increased activity throughout the industry. Oh how things have changed!

It started when a lightly regulated banking industry that would give home loans to anyone with a pulse that would claim they were employed, ended up owning not only a ton of bad paper, but the houses this paper was attached to. The stock market, home values and 401K’s plunged. We (and our children) will be bailing out these banks with 700 billion of our tax dollars. Unemployment headed north. The auto industry brought out their tin cups to ask for charity while riding in their corporate jets. While all this was happening I thought the oil industry was immune and that \$50 dollar oil would be the bottom. However, \$140 dollars for a barrel of oil was not because of short supplies and large demands, it was “The Street” selling oil futures. Another paper house that was eventually rained upon.

Well, that being said, how about we all take a day to forget about all that depressing economic news and just play golf. In an effort to ease the financial burden the committee has cut the cost so you can continue to support this long standing industry tournament. After all, this is for SPE scholarship funds and other charitable organizations and is not for the Armani clad guys flying around in corporate jets holding tin cups.

Thanks for your support,
 Mike Filbey
 2009 Tournament Chairman

2009 SPE GOLF TOURNAMENT COMMITTEE

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