September 19th, 2013 General Section Meeting

The new CSUB Petroleum Engineering emphasis and activities

Speaker: Dr. Dana Abouelnsr, Associate Professor of Engineering
Date: Thursday, September 19th @ 11:30 AM
Location: The Petroleum Club, 12th Floor, 5060 California Avenue
Cost: With online payment or RSVP: $25 members, $30 non-members;
      Walk-ins: $25 members, $30 non-members

Reservations: RSVP by Tuesday morning September 17th

Using the corresponding link below to pay online using your Visa, MasterCard,
American Express, Discover or PayPal account:

PayPal Link for SPE Members - $25
PayPal Link for SPE Non-Members - $30

OR if the above links don’t work copy these links in your browser’s address box

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Non-Members
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OR Email Blythe Miron bmmiron@gmail.com or Call (661) 281-5713

Walk-ins and attendees with email/phone RSVP must pay by cash at the door.
Sorry, no credit cards accepted at the door. RSVP no shows may be billed.

Abstract
Dr. Abouelnsr will be discussing the curriculum for the engineering sciences
degree and for the petroleum engineering emphasis at CSUB. She will also be
talking about some of the activities occurring in the engineering department such
as the development of the CSUB SPE student chapter.

Biography
Dr. Abouelnsr received a Ph.D. in Chemical Engineering from Georgia Tech and a
Master of Public Health From Emory University. She is presently the Head of the
Department of Chemical Engineering at the American University of Sharjah (United Arab
Emirates). She joined the Department of Physics and Engineering at CSUB in June 2012. Her research interests include the study of environmental contamination at
petroleum waste sites.
September is an important month in the annual calendar of our members, parents are sending children back to school, students are returning from internships and attacking their curriculum with renewed enthusiasm, and for all active professionals the ATCE is on the horizon.

Drive Carefully

On behalf of all parents (having been one myself), when driving by the schools please exercise the caution that E&P drives into us (no pun intended). These little rascals move quicker than west Texas antelope during hunting season and a mom or dad with several kids in tow can be---distracted.

For our future geologists, technicians and engineers welcome back to school, now get back to work! Seriously, I think it is exciting to return to a curriculum where science in its purest form is applied in manner that serves society’s needs. Applied science is the mental and philosophical place that brings our minds and hearts together; I like to think of it as art where function is more important than form and where the art is created by many as opposed to one.

Grasp and hold onto the concepts of the “scientific method”, accuracy and precision in your studies. Science as it stands at any given time should simply be artifact of the scientific method subject to challenge everyday with new understanding and new data. This is the learning process on a grand scale and applied scientists are the arbiters of the science as it is understood and as it is evolving. First learn the science as it currently exists in the curriculum being taught (man that’s hard enough) then continue to learn.

As applied scientists, accuracy is what we strive for and where accuracy is insufficient to ensure usefulness we use appropriate design and safety margins to bridge the gap. And through the application of these recommended design practices and factors our bridges and other engineered products don’t fail, sometimes at the expense of efficiency—a tradeoff well worth the price. As a long standing practitioner in engineering and testifying expert, I have seen too many instances where precision is mis-used to move otherwise bad data to a status of having veracity. Take some time to understand the sources of our errors and the methods that have been developed over time to deal with errors, it will prove valuable to your future employers and to folks relying on your findings and designs. And science will move forward.

Which brings me to ATCE—

New Orleans—yeah baby! Seafood and Saxophones in the night, can it get any better? ATCE is a great opportunity for all peers to gather and discuss state of the art technologies and explore both problems and possible solutions. Hear the papers, do some training and meet some friends, old and new. Come September 30 to 2 October ---Laissez Le Bon Temps Roulet!

I’ll probably be found haunting the bar at the old Hotel Monteleone. As a young child my family stayed here several times a year. The hotel is haunted or so I was told by the staff whose stories would scare the wits out of me—it certainly kept me from running and playing in the halls. But now I’m all grown up, and the bar remains very cool. I’d suggest you visit it. We might see each other while dining. I’d respectfully suggest the Commander’s Palace, Galatoire’s or any other number of great places.

I hope to see you there and we can all get together and give good science a little exercise.
# SJV SPE Board of Directors
## 2013-2014

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SPE Subsurface Study Group Lunch

Continuous Fluid Level Monitoring for Well Automation and Optimization

Date: Wednesday, September 11, 2013, 11:30 a.m.
Venue: Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker: Dr. Duncan Earl, Chief Technology Officer for Reservoir Management Services

RSVP via e-mail to Orkhan_Pashayev@oxy.com
Or reserve via PayPal:

Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=59WRXLV5GWT76

Non-Members ($30)
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Abstract
Determining fluid level in a well can be a critical parameter for understanding and optimizing the production of oil from a well. Due to date, however, technologies that can provide this critical measurement have been limited to sophisticated devices that require equipment to be installed down-hole or are based on surface-operated devices that provide non-continuous measurements and highly trained personnel. This year, Reservoir Management Services (RMS) released the first automated, surface-mounted technology for continuous monitoring of fluid level in an oil well. Unlike traditional solutions (i.e. an Echometer), this technology does not consume gas nor require trained operators to perform the measurement. The device does not require any down-hole equipment to be installed, does not interfere with normal well operations/maintenance, is fully automated, and is accurate to +/- 2.5 ft. A simple 4-20mA output provides a current signal that is proportional to the measured fluid level - allowing the sensor to be easily integrated with well managers from a variety of vendors to monitor and, ultimately, control the operation of a well.

Dr. Earl will be presenting an overview of the measurement technology underlying this new sensor as well as recent data collected from over 70,000 hours of field operation on wells in the Bakersfield area. Advantages and limitation of the company’s commercially-available Generation II product will be described. In addition, improvements and future capabilities planned for the Generation III model will be previewed. Recent advances in measurement capabilities associated with dual-pulse echo reflectometry (D-PER), dispersion-based speed of sound measurements, and advanced filtering and signal processing algorithms will also be discussed.

Biography for Dr. Duncan Earl

Dr. Duncan Earl is currently the Chief Technology Officer for Reservoir Management Services (RMS). Dr. Earl has a Masters in Physics and a Ph.D. in Electrical Engineering and is a former R&D staff member with Oak Ridge National Laboratory - where he spent 18 years developing new sensors and measurement technologies for the Department of Energy. He has numerous publications and patents for various energy-related technologies and currently oversees the development of Reservoir Management Services' Fluid Level Monitoring sensors in San Diego, CA.
Announcing the SPE SJV Section Monthly Networking Bash

The September Sponsor is enova

Thursday, September 26th, 2013
5:30-7:30 @
Lengthwise Brewery “The Pub” - Northwest
2900 Calloway Drive

SPE Networking bashes are held monthly as a service to our members. This is a great opportunity to come out and meet people from all areas of our industry in a social setting. Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

Non-member guests are always welcome to attend.
RSVP to Tara Butler @ tbutler@enovaes.com or 661-319-4022
The SPE SJV Section would like to thank Weatherford for sponsoring our August Networking Bash!

Wireline Services
Tubing Conveyed Perforating
Secure Drilling Services

SPE Networking bashes are held monthly as a service to our members and are great opportunities to come out and meet people from all areas of our industry in a social setting.

Chevron 13 API Crude Price
(Daily Posted Price)

Source: Chevron California Crude Oil Price Bulletin
YP Dinner Meeting: Leadership

Achieve your goals and impact people’s lives.

A one-hour workshop on some of today’s most important leadership issues:

• Learn how to enhance your performance, lead from the inside out, and how to use your unique talents to help yourself and others succeed and make a difference.

Get actionable advice that will improve the quality of your life.

Who should attend:
Anyone who wants to harness the power of their mind, enhance their mood, deal with negative people, set goals and achieve their wildest dreams can benefit greatly from this event.

Join leading financial expert, author and media personality Denise Winston for an hour that will make a difference in your life and in the lives of others.

Sign up Now!

Date: September 18th
Time: 6 - 8 PM
Location: The Petroleum Club
Pricing: $25 Members - $30 Non-Members
Walk-ins welcome (if space is available) - $30 members, $35 non-members
RSVP by Monday, September 16th
Questions? Contact Tarang Lal: tial@aeraenergy.com
(661)-979-4697
HIGHLIGHTS of AUGUST

Look back on 8/15/2013 General Section Meeting

An excellent and informative presentation was made by Mahmood Rahman, Aera Energy, LLC on the challenges of full field implementation of Fiber-Optic DTS for monitoring injection profile in Belridge Field, CA. It was practical and useful to see the cost reduction over time from pilot to full field implementation and future plans. Further information on this can be found in SPE 163694, “The Challenges of Full Field Implementation of Fiber-Optic DTS for Monitoring Injection Profile in Belridge Field, California.”

Left to right, Pam Willis, SJV SPE Treasurer (filling in for Blythe Miron, SJV SPE Program Chair) and Mahmood Rahman, Aera Energy,
Mojtaba Ardali, SPE, is a Reservoir Engineer with Oxy. At Oxy, he works for Shale Development and EOR team and he is involved in EOR reservoir simulation studies. He recently graduated from Texas A&M University and during his PhD, he conducted research in thermal recovery especially SAGD process for Canadian reservoirs. His areas of interest include reservoir modeling, production surveillance and hydraulic fracturing. Mojtaba has been an SPE member since 2004 and is a author of seven SPE papers. He serves on the SPE SJV Board since 2013.

Since January 2013, Scott Sindelar has been the Chief Reservoir Engineer for Vintage Production California, LLC. He is currently responsible for supporting the reserve reporting process, technical review, training/career development and mentoring of reservoir engineers. Scott has been working as an engineer in the oil industry for 25 years. Prior to Vintage, he worked 12 years for Occidental of Elk Hills (OEHI) in Planning and Reservoir Engineering. During his time at OEHI, Scott worked on a significant number of reservoirs including: the Etchegoin, Eastern Shallow Oil Zone, Stevens, and deeper zones. He has considerable experience in different displacement processes such as primary, waterflood, gas cap injection/gravity drainage, and CO$_2$ flood. Previous to Oxy, Scott worked 12 years for ARCO Alaska (Anchorage) in various capacities of Operations, Exploration, and Reservoir Engineering, and has co-authored AAPG and SPE papers. Scott graduated from Montana Tech University in 1988 with a B.S. in Petroleum Engineering. He is married to Suzan, and is the proud father of Nathan (Bakersfield College) and Ashley (UC Merced).

SPE SJV: Please tell us a little bit about your current work responsibilities?

SS: I couldn’t have asked for a better job to wake up and come to work in the morning. As part of my job, I get the opportunity to mentor incredibly smart early career engineers and help them avoid the mistakes I made early on. I have quite a bit of latitude in my current role to help on projects/processes within Vintage and across Occidental. I also try to bring a reservoir engineering viewpoint into Oxy’s geologic field trips, trying to help engineers and geologists understand each other’s world better. I have to say the geologists are way ahead of me on this, so I need to step up my game.

SPE SJV: What is the most interesting assignment / project you worked on that really stands out for you?

SS: It is difficult to really pick one project as the most interesting. It’s been a blessing to have assisted and lead several great projects with people much smarter than I am. I’ve been involved in Downhole Emulsion Breaker Injection (DEBI) development, EOR pilot development, through-tubing sidetracking, and the exploration finds of 1 billion barrels of recoverable oil in a 10 year period in the Alaskan oil fields.

SPE SJV: You have extensive experience in variety of recovery processes including Enhanced Oil Recovery (EOR). I would like to know your opinion about current status of EOR and its future?

SS: Plain and simple, the future will be EOR. In most reservoirs, we leave more than half of the oil behind. Economics and technology will be the deciding factors that will allow us to go after it.
PROFESSIONAL SPOTLIGHT: SCOTT SINDELAR

I see a lot of opportunities for EOR, but sometimes the problem in implementing EOR is in our own heads. As I said, I have had the opportunity to work with some great problem solvers. In one instance, we had a very thick, high perm, and high kv/kh reservoir that was not a target for miscible injectant (MI) because of gravity override. We developed the Miscible Injectant Stimulation (MIST) solution where a well was sidetracked horizontally to the sand base. Then the toe was selectively perforated and the MI was injected at very high rates to create a “plume” of mobilized oil to the remaining producers. The toe perfs were then abandoned, moved back a couple hundred feet, and the process repeated. That made it an economic project; the thinking was changed from “it can’t be done” to “what will it take to make this work?”

SPE SJV: What is the best or worst trend you see happening in our industry? In addition, I would like to know how you keep up with new technologies in your field?

SS: Let’s hit both of those at the same time and I’ll sum it up in two words – Shale Development. Twenty-five years ago when I came out of school, shale was a cap rock or a barrier to flow within your reservoir. The innovation and change in thinking to make the Shale plays economic across the United States is tremendous which makes it a best trend. By the same token, a lot of early career engineers have been brought up during the Shale explosion, and only understand horizontal drilling and fracturing. I have found it difficult to find engineers with 10 or less years in the industry with waterflood and EOR experience who can come in and hit the ground running. I know we are going to see significant changes in the next 25 years, and I believe having those waterflood and EOR skill sets will be important for unlocking more from the Shales and other hydrocarbon resources.

To keep up with new technologies SPE is indispensable with conferences and publications. I try to read the JPT each month and attend SPE conferences when possible. I also try to keep up with new technologies in other disciplines outside reservoir engineering. Sometimes great ideas can come from outside our industry.

SPE SJV: What is the key for successful career in our business from your perspective?

SS: Being technically competent and having the ability to get along with people. I would recommend 7 Habits of Highly Effective People by Steven Covey to all people – both early in their career as well as experienced. I try to use those 7 habits all the time. Along those lines, I try to implement what a supervisor told me early in my career: “work the issues, not the people”. I also try to understand what it takes to do other people’s jobs. That way I understand what they need and when, so hopefully we can work more productively as a team.

SPE SJV: Work-life balance is a hot topic in many industries as job demands get higher and higher. How do you balance work, health, and the family?

SS: My attempts to balance these things are as follows: when I’m at work, I try to be as efficient with my time as possible. I try to work hard so that when I leave the office I feel like I’ve had as productive a day as possible. Family time is family time. On the health front: early in my career when my children were young, I found that I had to exercise at lunch otherwise I was taking time away from the family. I still make the time to exercise every day at lunch. I find that I’m more productive in the afternoon than if I just ate lunch. I’m very fortunate that my wife enjoys all the same activities that I do. It makes health and family one in the same.

SPE SJV: What keeps you busy outside of work?

SS: Finding great vacation destinations with Suzan and our friends. The story comes to mind of how we were listening to a Celtic band at Lengthwise, and within 1 week a trip to Ireland was booked. I enjoy the snow (skiing and snowboarding) and the water (rafting). A good snow season in the Sierras results in the opportunity for me to take people rafting on the Kern. Suzan and I just got back from rowing down the Colorado River through the Grand Canyon (16 days and 280 miles). Eat your hearts out geologists: I’ve put my hands on “The Great Unconformity” (over a billion years of missing time)!
Thank you notes from Scholarship Recipients
(Your Support of SJV SPE helps with Scholarships!)

Dear SPE Scholarship Committee members,
I want to thank you for all of your hard work to make these scholarships possible. I had to read the award letter 5 times before I realized what it said. This scholarship is what made me able to go to my dream school with no worry. I greatly appreciate all that you did.

Sincerely,

Morgan Regan

Dear Mr. Hayat and members of the SPE San Joaquin Valley Section,

Thank you for the SPE Annual Student Scholarship. I will utilize it to further my studies at Montana Tech. It will also assist me in my role as a student leader in Tech’s SPE chapter. Come root for me this Fall at the Petco Bowl.

With great appreciation,

Kelly Mostel
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

BAKERSFIELD COURSE: (8:00 AM - 6:00 PM), Tuesday through Friday, September 3 – September 6, 2013

For More Information: 405-822-6761
E Mail: bingwines@cox.net
Web Site: winrockengineeringinc.com
WINROCK ENGINEERING, INC.
P. O. BOX 42296OKLAHOMA CITY, OK, 73123

68% Pass 2012 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2012 Professional Engineering Exam results in February. Nationwide, the Petroleum Engineering Exam recorded a 68% pass rate. The Petroleum first time takers passed at a 79% rate. The estimated pass rates of a few other engineering disciplines were:

Chemical 58%  Agricultural 71%  Civil 56%  Fire Protection 52%
Electrical 58%  Industrial 74%  Environm’tal 55%  Metallurgical 48%
Mechanical 64%  Mining 70%  Nuclear 56%  Control Systems 71%

The Petroleum pass rates in 2012 for a few states:

Alaska 100%  Louisiana 71%  California 57%  Oklahoma 88%
Colorado 88%  Texas 67%

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 May 1, 2013. This year’s test will be given on Friday, October 25, 2013.
SJV SPE Continuing Education
Thermal Oil Recovery

SHORT COURSE: OCTOBER 28-29, 2013 (M, Tu, W)
PRACTICAL 3-DAY COURSE, EXPERIENCED INSTRUCTORS, USEFUL PC PROGRAMS

Course Description: This 3-day thermal recovery course is designed to provide an understanding of heat and fluid flow in heavy oil reservoirs, prediction of thermal performance, and a review of field experience. Special attention is paid to current technologies such as operation of mature steamfloods, horizontal well applications, SAGD, VAPEX, etc. The course is designed for reservoir and production engineers but will also be useful for geologists, technicians and managers working in heavy oil production.

Easy-to-use PC programs and spreadsheets are provided to help the participants understand thermal processes and make engineering predictions.

Texts: Attendees will receive a comprehensive revised manual.

Computer Programs: IBM PC programs in Visual Basic and Excel worksheets are provided to estimate steam zone development, heat loss, cyclic steaming performance, pressure drop in steam lines, steamflood performance, SAGD calculations, etc.

Instructors: Farouq Ali has taught similar short courses to over 7000 industry participants during the past 48 years. He specializes in thermal recovery and simulation. Farouq Ali has written three books and over 500 technical papers on these subjects. He has designed more than 40 oil recovery projects in various countries. Among many awards, he received the 1997 SPE Thermal Recovery Pioneer, 2007 SPE Anthony F. Lucas, 2002 SPE Improved Recovery Pioneer and 1996 SPE Lester C. Uren awards. He is a member of the U.S. National Academy of Engineering.

Jeff Jones is Vice President, Reservoir Engineering with E & B Resources, in Bakersfield, and has over 40 years’ experience in all facets of thermal recovery engineering. Jeff has worked on steamflood, cyclic steaming, and in situ combustion projects, and has experience with reservoir, production, and facilities engineering. An accomplished programmer, he has published many technical papers and holds a number of U.S. patents on thermal recovery related devices. Jeff received Society of Petroleum Engineers’ Production Engineering Award in 2002. He was a SPE Distinguished Lecturer for 2004-2005. He received the Society of Petroleum Engineers’ Thermal Recovery Pioneer award in 2010.

Location: Four Points Sheraton, Inn, 5101 California Ave.

Registration fee is $3,300, Call (780) 461-2944, Fax (780) 461-8494, e-mail: farouq@telusplanet.net
At John Zink Hamworthy Combustion,

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  Apply to position numbers 014785, 013973, or 014791

Service tasks for a successful candidate include commissioning, troubleshooting and/or maintaining Coen/Todd/Hamworthy burner products for Once Through Steam Generators (OTSG) and heaters in the Bakersfield or Southern California oil fields.

Either a two-year technical degree or 2-5 years of equivalent work experience required.

Find all U.S.-based John Zink Hamworthy Combustion employment opportunities and apply online at johnzinkhamworthy.com/careers. When searching for opportunities, you will be redirected to another site; we are part of Koch Industries / Koch Chemical Technology Group on this website.

We are EOE. M/F/D/V

Except where prohibited by state law, all offers of employment are conditioned upon successfully passing a drug test.
We match up the latest innovations with breakthrough thinkers to expand what’s possible. In Bakersfield, you’ll collaborate with the best in the industry on leading-edge projects like cogeneration, enhanced oil recovery, and digital iFields. At Chevron, you’ll join a team with the technology to take on big challenges, the integrity to do it responsibly, and the drive to keep the world moving forward.

**Are you up to the job?** Learn more about Bakersfield engineering opportunities at chevron.com/BakersfieldJobs

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Sr. Geologist – Bakersfield, CA

E&B Natural Resources has openings for a Sr. Geologist in Bakersfield, CA. E&B is a privately held, growing independent E&P company (www.ebresources.com). Our California operations are located in Kern County of the San Joaquin Valley, Santa Barbara and San Luis Obispo Counties of the Cuyama Valley and Los Angeles County.

E&B offers a generous company benefit package that includes, medical, dental, and vision insurance coverage, short and long term disability, life insurance, matching 401(k) plan, paid vacation and holidays, and a discretionary quarterly bonus.

If you are result oriented, self motivated individual that enjoys working in a team environment, we welcome you to apply for this position.

Essential Functions of the Job:

- Perform surface and subsurface mapping
- Design well logging programs and oversee well logging operations
- Analyze and interpret geological data to identify workover and recompletion candidates

Experience, Knowledge, Skills, and Abilities

- Experience constructing geological cross-sections, structure maps, and isopach maps
- Knowledge of sequence stratigraphic concepts, depositional environments, fault and fold mapping, and petrophysical analysis
- Knowledge of Seismic Microtechnology (IHS) desired

In making application, please include base salary requirements. E.O.E.

Please send a completed application and resume no later than September 20th, 2013 to:

E&B Natural Resources Management, Attn. Human Resources Department
1600 Norris Road, Bakersfield, CA 93308 (661) 679-1700(P) (661) 679-1788(F)
Or email them to hr@ebresources.com
Seneca Resources Corporation, the oil & gas exploration and production subsidiary of National Fuel Gas (NYSE: NFG) is seeking a Sr. Production Engineer at its West Division office in Bakersfield, CA.

The Sr. Production Engineer will be an integral member of the West operations team with responsibilities to include:

- Ensuring production in Seneca’s heavy oil fields, Midway-Sunset & North Lost Hills, are operating at maximum efficiency with optimum cost effectiveness and comply with internal policy, federal & state regulations.

- Responsible for day to day production & reservoir engineering task for Midway-Sunset & North Lost Hills including but not limited to the following:
  - Production surveillance & steam recommendations
  - Workover, completion, & drilling recommendations & supervision
  - Reserves updating, budget preparations, & assisting with acquisition reviews
  - Supervise, mentor & develop junior engineering staff.

This position requires a BS in Petroleum Engineering & 10 + years experience in onshore production. Thermal recovery and waterflood experience along with strong communication and leadership skills.

To apply: email resumes to jobs@srcx.com

Please refer to Sr. Production Engineer, #13-06CA.
The Termo Company, an independent exploration and production company, has an employment opportunity for a Petroleum Operations Engineer in Long Beach, California.

Responsibilities:

- Supervise operations of oil and gas producing properties
- Monitor and analyze wells to optimize and increase production through application of artificial lift equipment, recompletions and stimulations.
- Design well completions, recompletions, workovers and stimulations; prepare AFE’s, perform economic evaluations and supervise implementation.
- Review, evaluate and recommend opportunities for producing property acquisitions.
- Review drilling prospects from generators and other operators. Make recommendations for participation in exploration prospects as appropriate.

Qualifications:

- Bachelors degree in Petroleum Engineering.
- 5-15 years of varied experience, particularly with drilling, completions and production operations. Geographical work experience in California, Rockies, and/or Gulf Coast a plus.
- Possess good oral and written communication skills.
- Able to handle multiple projects.
- Experience maintaining and exploiting mature oil fields.

Benefits:

Competitive salary and benefits program is available.

To apply, send resume to billb@termoco.com
GROW with Oxy

Growth and financial stability are at the core of our company. We’ll promise you the same focus — opportunities for growth, development and success throughout your career.

Apply today at www.oxy.com/careers

WWW.ProU.COM
Career Opportunity

A fast-paced, entrepreneurial company, Plains Exploration & Production Company (PXP) offers a challenging and rewarding career that will value your contribution. PXP offers a competitive compensation program and one of the best 401(k) matching programs in the industry. The Company offers comprehensive medical, dental and vision coverage and outstanding disability and insurance benefits. PXP benefit plans provide you and your family with the protection you need today and the opportunity to build financial security for your future.

Position Description:

Reservoir Engineer: Generates shareholder value through the identification and implementation of field enhancement / development projects. Qualified candidates will have demonstrated thermal and/or waterflood experience. Candidates should have 10 years of experience with a BS in Petroleum Engineering and be familiar with Oil & Gas economic and field surveillance software.

Reservoir Engineer Technician: Assist with economic analyses using PEEP and OFM to engineering projects. Candidate should have 5 years’ experience as an engineering technician in the oil and gas industry. The ideal candidate will have a BS in Economics, Math, Computer Science or other related degree with experience with Petroleum Engineering and be familiar with Oil & Gas economic software.

How to Apply:

Successful candidates will enjoy a generous compensation and benefits package. Qualified applicants must have authorization to live and work in the United States without company provided sponsorship. Submit Resume to: PXP Attn: Human Resources, 1200 Discovery Dr., Suite 560, Bakersfield, CA 93309 or Fax 661-395-5283 or email calcareers@pxp.com

EOE, M/F/D/V

www.pxp.com
## Advertising Order Form for the monthly newsletter of the San Joaquin Valley Section of Society of Petroleum Engineers

**Company Information:**

- Company: [Blank]
- Address: [Blank]
- City, State, Zip: [Blank]
- Business Phone: [Blank]
- Fax: [Blank]
- Contact Name: [Blank]
- Date of Request: [Blank]

### Monthly Advertising Rates: (circle one)

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<th>Size, inches</th>
<th>Rate, $ / Month</th>
<th>Description</th>
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- Ad Size: [Blank]
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- # Months Run: [Blank]
- TOTAL Due: [Blank]

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If possible, please provide payment at time of placing advertisement.

Please make checks payable to "San Joaquin Valley Section of SPE"

### Special Instructions:

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### Art Work: (circle one)

- Camera Ready Art
- Black & White Copy
- Business Card
- Diskette

Please send camera ready art work or business card for ad and this form to:

Thomas J. Hampton, SPE Board Member  
Aera Energy, LLC  
10000 Ming Avenue  
Bakersfield, CA  
Or Preferably Email to  
TJHampton@AeraEnergy.com

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**SUPPORT THE SJV SPE NEWSLETTER BY PURCHASING ADVERTISING SPACE**

MONTHLY NEWSLETTER DISTRIBUTED TO THE SAN JOAQUIN VALLEY SECTION

MEMBERS FREE OF CHARGE. A PDF OF THE NEWSLETTER IS POSTED TO THE WEBSITE.

Rates start at only $25/month.

E-mail the SJV SPE Newsletter Editors for more info at TJHampton@AeraEnergy.com.