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Get your CHILI recipes ready!
September 24th
See Page 7

Photos from our August General Section Meeting
Speaker: Mike Perri from BlueSpark

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Newsletter Editor:
Craig Pauley
CraigPauley@Chevron.com
September, 2015-General Section Meeting

**Topic: Novel Technology of Converting Heavy Oil to Lighter Viscosities**

Our speaker will be representing Clean Global Energy, Inc

**Date:** Thursday, *September 17th, 2015 @ 11:30 AM*

**Location:** The Petroleum Club, 12th Floor, 5060 California Avenue, Bakersfield

Speaker biography and an abstract of the presentation are unavailable at this time. Further information will be provided, in an e-mail to SJV-SPE membership, as soon as available.

**Cost:**  
- With online payment or RSVP: $25 members, $30 non-members
- Walk-ins: $30 members, $35 non-members

Reservations: RSVP by *Tuesday morning September 15th*, using one of the three options:

- Using the corresponding link below to pay online using your Visa, MasterCard, American Express, Discover or PayPal account:
  - [PayPal Link for SPE Members - $25](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=V6TAZLUQKYBZA)
  - [PayPal Link for Non-SPE Members - $30](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=3BD8GUNSD2PPY)

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

**Members**

- [https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=V6TAZLUQKYBZA](https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=V6TAZLUQKYBZA)

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- OR

Email Keith Kostelnik at [Keith.Kostelnik@crc.com](mailto:Keith.Kostelnik@crc.com)

Call (661) 412-5427

After Tuesday, September 15th, PayPal will be disabled and RSVP’s will be required to pay the Walk-in fee at the event. Walk-ins and attendees with email/phone RSVP must pay at the door. Credit cards and cash accepted at the door. RSVP no shows may be billed.

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The speaker from our August General Section Meeting, Mike Perri from BlueSpark, as pictured on our front cover, was kind enough to provide a link to his presentation materials:

- [http://www.clearslide.com/view/mail?iID=KMUDVQKUEWGA8CGPAF](http://www.clearslide.com/view/mail?iID=KMUDVQKUEWGA8CGPAF)
The comment period for the Kern County Draft Environmental Impact Report for “Revisions to the Kern County Zoning Ordinance – 2015 (C) Focused on Oil and Gas Local Permitting” closes on Friday, September 11, 2015. A public hearing is scheduled with the Kern County Planning Commission on Monday, October 5, 2015 at 5:00 pm to receive comments on the EIR in the Chambers of the Board of Supervisors at the Kern County Administration Building on Truxtun Avenue.

Other upcoming events include the SPE continuing education class “Basic Pressure Transient Test Analysis” which will be held on Oct 26th – 27th. If you are interested in attending or have questions please contact Reza Ardali, CRC, or Indar Singh, Aera Energy LLC. For the September networking bash we will be having a chili cook-off and the proceeds will go towards the SJV SPE scholarship. Get your teams together and register, you don't have to be a great cook to enter. There is no limit to how spicy you can make your chili. However, if you don't want enter the cook-off you can still participate by coming out and tasting/voting on your favorite chili. If we have a great turn out for this event it could possibly become an annual event. If you have any questions, please contact Blythe Johnson, Chevron, or David Susko, Baker Hughes.

The SPE Annual Technical Conference and Exhibition (ATCE) will be held at the George R. Brown Convention Center in Houston, TX from 28 – 30 September 2015. Early registration has ended; however, online registration will be available through the end of the conference.

Although the oil prices are fluctuating, remember to work safely.

Until next month,

Pam Willis
September 9th, 2015-Subsurface Study Meeting

SPEAKER: Jeff Jones, Vice President, Eastern San Joaquin Division, E&B Natural Resources

Jeff Jones has over 40 years in the industry, all in thermal recovery engineering. He has several patents on oilfield equipment and has written computer models that are widely used in predicting performance of thermal projects. He has authored many technical papers and is author of the chapter on Steam Enhanced Oil Recovery for the SPE Petroleum Engineering Handbook. Jeff received the 2002 SPE Production Engineering Award, the 2004 Thermal Pioneer Award, the 2010 SPE Distinguished Service award, and was a 2004-2005 SPE Distinguished Lecturer. He holds a BS in Mechanical Engineering from Fresno State University and is a Registered Professional Engineer.

TOPIC:

The Poso Creek field was discovered in 1919 by Standard Oil and has seen continuous activity since then, with over 2,200 wells having been drilled. Production reached a high in 1984, averaging 6000 barrels of oil per day. With the crash in crude prices in 1986, activity slowed and production was allowed to decline. By 1999, production had fallen to a low of 250 barrels of oil per day. In 2003, and under new management, E&B Natural Resources implemented a field redevelopment program consisting of facility upgrades, well reactivations, sidetracks of existing well bores, and the drilling of new wells. In 2013 E&B embarked on an aggressive cyclic steam and steam flood development program and production is averaging 6,000 barrels of oil per day with significant additional thermal potential. This presentation will update the project and discuss future development plans.

Date: Wednesday, September 9th, at 11:30 a.m.
Location: Petroleum Club, 12th floor, 5060 California Avenue, Bakersfield
Cost: RSVP by 12 PM Friday, September 4, 2015
Using one of these options:

PayPal account (Visa, MasterCard, American Express, Discover accepted):
Members $25
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WXRUSQN2C67U8
Non-Members $30
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=ZW4C9R44YLK38

Cash on day of event: Members $30, Non-Members: $35

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

Please email or call Allison Escovedo (aescovedo@ebresources.com 661-679-1745) for email/phone RSVP.
Speaker:

Larry is currently the principle expert for reservoir simulation for California Resources Corporation. He has been with CRC and before that Oxy in Bakersfield for 10 years in a variety of reservoir simulation-related positions. Larry holds bachelor's degrees in both chemistry and chemical engineering from the University of California at Irvine and Santa Barbara, and an M.S. degree in chemical engineering from UC Berkeley. Larry has specialized in reservoir simulation his entire career including positions with Unocal in their research and geothermal divisions, and MidAmerican Energy in their geothermal business units. Larry has extensive worldwide modeling experience with geothermal fields, oil and gas waterflood and EOR processes, and Monterey shale reservoirs. In recent years he has focused considerable attention on uncertainty analysis as applied to reservoir simulation, and he was an early developer of commercial assisted history matching software in the early 1990s.

Abstract

The field of reservoir simulation continues to benefit from advances in hardware and software technologies, which in turn has led to ongoing evolutions is associated simulation workflows. One such workflow is the incorporation of uncertainty analysis into the simulation process. Uncertainty analysis, combined with reservoir simulation, offers an opportunity to improve the credibility of modeling. The focus of modeling is shifted from providing a single unique answer to identifying a range of possible outcomes that are consistent with geologic, petrophysical, and well production histories. This not only helps eliminate bias in the modeling process, but also leads to a better understanding of the value of information. Ultimately the end game becomes one of making better-informed business decisions. California Resources Corporation has been incorporating uncertainty analysis into its simulation workflow for several years now. The applications are numerous and the process has achieved its goals of improving credibility in both the models and the subsequent business decisions.
LOOKING
for speakers - SPE Surface & Subsurface Study Groups:

Are you a subject matter expert? OR Have you recently published a SPE paper? SPE wants you to present your interesting topic to our study groups which are held during lunch the second week of the month.

If you are interested, please contact Allison Escovedo (aescovedo@ebresources.com 661.679.1745) OR Gihan Abeid (Gabeid@sib.com 661.864.4718)
SPE Chili Cook-off

September 24th, 2015

Test your cooking skills at the SPE SJV chapter Chili Cook-off. All proceeds will go towards SPE Scholarships. All contestants will be judged by attendees who have purchased tasting passes for the “Best Chili” title.

Date: September 24th

Time: 5:30pm – 7:30pm (Taste Judging from 5:30pm-7:00pm, raffle prize drawing at 7:00pm, Winner for “Best Chili” title announced at 7:30pm)

Location: Lengthwise Brewery, 6720 Schirra Ct, Bakersfield

Tasting Passes: $10

Buy a tasting pass to taste the chili and vote for the best chili.

Purchase thru Paypal (Please print a copy of your receipt to bring to check-in table day of the event for proof of purchase)

https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=ZSMPSLTVYCKJ

Or

Purchase with cash at the door.

100% of proceeds to go towards SPE Scholarships

Raffle tickets for door prizes $5 for 3 tickets
Contestant Form – Chili Cook-off

Name (Individual/Team): ____________________________________

Team member names: ________________________________________

Address: ____________________________________________________

Phone: _____________________           Email:_______________________

APPLICATION DEADLINE: September 18th

Tables will be provided with 2 contestants per table and teams will have a full table. Contestants will receive the number of expected attendees to serve by September 22nd (serving size up to contestant). There is no charge for contestants or additional help. Contestants will receive 2 free tasting pass.

Setup time: 5:00pm-5:30pm

Judging time: 5:30pm-7:00pm

Winner announced at 7:30pm

Electrical outlet needed?  _____ Yes  _____ No

Number of staff or volunteers _______  Number of chairs (1,2,3) _______

Email to:  BlytheJohnson@chevron.com
What attracted you to the petroleum industry?
For me, ending up in the petroleum industry was pure happenstance... I grew up in Cleveland, Ohio and was always very interested in math and science. In choosing a university, I was familiar with Marietta College as an attractive campus that was just the right distance from home – not too close, not too far. I considered the curriculums that they were offering, and during that time my dad pointed out to me a newspaper article that indicated Petroleum Engineers were going to be in high demand. So, off to Marietta College I went, as a Petroleum Engineering major.

What brought you to Bakersfield?
I first came to Bakersfield in 1980 as a summer intern for Marathon. I spent nearly every weekend exploring California, since I had never been there before. I went back to school with a strong desire to return so I accepted a position with Chevron in Bakersfield as a Production Engineer working in Cymric and Lost Hills.

What is the most interesting assignment you worked on, and why does it stand out for you?
Working for a large company like Chevron has given me the opportunity to try many different types of jobs in multiple locations. I’ve worked in operations, asset development, project management and R&D in Bakersfield, Nigeria, San Francisco, New Orleans and Indonesia. My most interesting assignment is in my current role as Chevron’s Heavy Oil Research & Development Portfolio Manager in our International Heavy Oil Center located in the heart of the Kern River Field. Our group is responsible for providing R&D and technical service for all heavy oil assets in Chevron’s global portfolio. What I like most about this role is that I get to facilitate collaboration between research, technical and operational personnel to enhance recovery and profitability of our heavy oil assets in California, Indonesia, Kuwait, Venezuela and Canada.

Continued on next page

Nominate yourself, or a colleague, for a future Professional Spotlight feature. Contact CraigPauley@Chevron.com
What do you like to do in your spare time?
My wife, Welanda and I enjoy traveling and camping. We recently visited New York City for my step-father’s 90th birthday. Later this month we’re going on a ten day camping trip in the Mendocino redwoods to celebrate her birthday. I also enjoy gardening and bicycling. I ride my bike to work every day (32 mile round trip) which I find rather therapeutic and a great way to relieve the stress of everyday life. I feel invigorated when I arrive at my destination (work or home) along with a sense of accomplishment. It also prepared me for my first century (100 mile) ride which I completed in Ventura, in August.

Do you have any advice for young engineers starting out in the petroleum industry in California?
The San Joaquin Valley is a great place to get started. You get exposure to all aspects of the industry in a short amount of time and typically get to take on a lot of responsibility early in your career. Try as many different types of positions early on to see what kind of work you really like. As I tell my two sons who are in college, it’s not important WHAT you do but that you LIKE what you are doing.

12-Year Crude Oil Price Chart

Chevron 13 API Crude Price
(Daily Posted Price)

Source: Chevron California Crude Oil Price Bulletin
### SJV SPE Board of Directors 2015-2016

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Joining Society of Petroleum Engineers, SPE


SJV SPE Members

Member Benefits

- Conference and Workshop Discounts – for technical knowledge and interaction
- Technical Papers and Libraries – access to OnePetro, largest online technical library
- Career Advancement – Leadership and volunteer opportunities, Career Center for tools
- Purchases – discounts on insurance, car rental, Lands’ End Business Outfitters
- Use Membership Icon in emails

Membership includes one SPE Local Section: San Joaquin Valley (SJV) Section of SPE, sjv.spe.org

As a SJV SPE member, you will receive monthly newsletters and emails announcing upcoming events such as:

- General Section SPE Meeting,
- Sub-Surface and Surface Study Groups,
- Continuing Education,
- Annual Golf Tournament which raises money for scholarships,
- Networking Bashes,
- Distinguished Lecturers,
- Community Outreach Programs with Annual Engineering Day (reaching 500+ High School students) and Scholarships.

SJV is a strong section with 800+ members, with a great Board that volunteer their time to make SJV SPE a wonderful section. Please contact one of the board members to volunteer in your area of interest! Also note, speakers are wanted to share their knowledge.

How to Join?

Join online: www.spe.org/join
YouTube Video: https://www.youtube.com/How to Join SPE (Professional Membership)

Professional Membership Qualifications:

Employed in work related to petroleum industry AND have one of the following:

- University degree equivalent to 4-year Bachelors degree in engineering or basic or applied sciences
- 2-year science or engineering degree or a 4-year degree in a field other than science or engineering
- 6 years of active practice in support of petroleum engineering or in the application of science to the petroleum industry

Dues for United States are $90/year membership + $20 Entrance Fee

Student? Look at https://www.youtube.com/Student Membership
Basic Pressure Transient Test Analysis

26-27 Oct 2015 :: 0800–1700

University of Phoenix
4900 California Ave.
Bakersfield, CA 93309

This course teaches the systematic analysis and design procedures for testing pressure buildup and flow tests. Example applications focus on identifying the appropriate reservoir model, estimating effective formation permeability, and quantifying damage or stimulation.

Topics include:
- Semilog analysis methods
- Type curves and diagnostic plots
- Gases and multiphase flow
- Average drainage area pressure
- Horizontal wells
- Well test design

At the end of the course, participants should understand:
- Naturally-fractured reservoirs
- Hydraulically-fractured wells
- The effects of input data errors

Learning Level: Introductory
Course Length: 2 Days

Why Attend? This course will provide you with an understanding of the fundamentals of buildup and flow test analysis—an understanding that will provide insight into the strengths and limitations of the methodology used in modern commercial pressure-transient test analysis software.

Who Should Attend: This is a basic course in well test analysis and design, suitable for engineers and physical scientists who have little if any background in well test theory or practice. It focuses on applications rather than theory.

CEUs: 1.6 (Continuing Education Units)

Find out more and register at http://www.spe.org/training/courses/BPT.php
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Rates start at only $25/month.
E-mail the SJV SPE Newsletter Editors for more info at CraigPauley@Chevron.com