Dear Members,

We are four months into the SPE-SJV year, and the movement of oil price has been creating lots of excitement for the past few months. Brent is over $60/bbl which has not been seen since mid-2015. I never thought I would be so excited about $60 oil back in 2008, but this movement is much better than where we were in early 2016. This price has been supported by several factors such as market rebalancing, doubts regarding the strength of US tight oil supply growth, and increased geopolitical tension. Speaking of market rebalancing, global demand for refined products has increased by 400k b/d YoY in Q2 2017. Some believe the demand has gone up due to the lower oil price and demand growth will not be sustainable going forward. What are your thoughts on this subject? I would love to hear from our section members.

Registration for SPE North America Student Symposium is now open and SPEI is actively seeking out sponsorships. It will be hosted at Louisiana State University in Baton Rouge on Feb 21-25, 2018. Please see below for detailed information about the sponsorship package. You can also visit <spestudentsymposium.com> for more information. If you know of a good speaker that might be willing to showcase their work and speak to students, please direct them to the Student Symposium program chair, Sergey Parsegove.

Another reminder that we have giveaway going on for our section members for upcoming luncheon with Alex Epstein who authored the book The Moral Case for Fossil Fuels. If you are interested to participate in the event, send e-mail to me.

As always, I would love to hear your comments and ideas about how we can better serve our members. Please feel free to contact me at Jeff.Kim@CRC.com.

Sincerely,

Jeff Kim
SPE International Students across North America are organizing the SPE North America Student Symposium. The symposium will be hosted at Louisiana State University in Baton Rouge, Louisiana on February 21-25, 2018.

Student Symposium Objectives:
- Present an opportunity for students to enhance their knowledge of the oil and gas industry through the insights and experiences of industry leaders and advocates
- Focus on encouraging future energy leaders’ interest in learning as much as possible about all aspects of the oil and gas industry
- Provide the attendants a myriad of networking opportunities, as students, faculty, and industry experts from around North America will be participating
- Host a competitive SPE Student Paper Contest where students have the opportunity to advance to the International Student Paper Contest, held during the Annual Technical Conference and Exhibition (ATCE)
- Host the North America Regional Petrobowl Qualifiers where the winning teams will advance to the International Petrobowl Competition, held during the Annual Technical Conference and Exhibition (ATCE)

The theme for the Symposium is Big Data. The oil and gas industry today gathers massive amounts of data from producing wells, drilling activities, seismic, and many other operations. A study by McKinsey & Company found that less than 1% of data collected was being used. Efforts to make data more accessible to decision makers is at the forefront of every major company’s agenda.

We are seeking support at the levels below. Any level of support or sponsorship is valuable and tremendously appreciated.

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- Logo recognition on the event website, event program, screen savers, and posters
- Opportunity to include special announcements and promotional items in the symposium bags

www.spestudentsymposium.com
Official Sponsorship Form

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  ☐ Wednesday 21st
  ☐ Thursday 22nd
  ☐ Friday 23rd
  ☐ Saturday 24th

☐ Social Meet/Greet (Thurs. 22nd): $2,500
☐ Promotional Items for Symposium Bags
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To complete your sponsorship, please contact either Adam Larson at arl5440@psu.edu, Elii Skeans at skeans@mines.edu, Aaron Sureshkumar at aaronsureshkumar@gmail.com, or Joshua Mirabdolbaghi at jmirabdolbaghi@gmail.com. Specific item sponsorship will allow for companies to be named as the sponsor of the specific activity and is separate from being named as Diamond, Platinum, Gold, Silver, or Bronze sponsors.

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Your Support is Greatly Appreciated!

For questions regarding sponsorship, please contact either Adam Larson at arl5440@psu.edu, Elii Skeans at skeans@mines.edu, Aaron Sureshkumar at aaronsureshkumar@gmail.com, or Joshua Mirabdolbaghi at jmirabdolbaghi@gmail.com

www.spestudentsymposium.com
Geomechanics in Shale Plays – What do we Know?

Tuesday, November 14th 2017 @ 11:30 AM
Petroleum Club 12th Floor - 5060 California Avenue, Bakersfield

Speaker: See Hong Ong, Ph.D., Baker Hughes
Reservations: RSVP by November 13th to avoid walk-in payment

Abstract:
Geomechanics has often been cited as a key requirement for effective shale reservoir developments; however, the exact nature of the geomechanical contribution is often ill-defined. This presentation aims to provide a high-level understanding of how geomechanics can be used to improve the characterization and engineering of shale plays.

Geomechanics, the science of evaluating the interplay between stress, pressure, and rock mechanical properties, is becoming a regular design tool for many operators when drilling and completing shale and other unconventional plays. These plays present nontrivial completion challenges which, if the geomechanical influences are inadequately understood and addressed, can yield significant downside risks and sub-optimal well performance. Additionally, the need to sustain production with relatively high well deliverability, further imposes technical and operational constraints on the stimulation technique in ultra-tight formations. This presentation extends beyond the traditional applications of geomechanics in hydraulic fracturing to include critical elements necessary for the design and optimization of re-fracturing as well as multi-staged hydraulic fracturing stimulation in horizontal completions. Additionally, the complicated and variable geomechanical impact of natural fractures and weak-planes during hydraulic fracturing will also be presented, along with a review of shear stimulation, micro-seismicity and fracture complexity concepts. Other geomechanical issues such as brittleness, ‘fracability’ and stress interference, their implications and influences on stage spacing and stimulation effectiveness, will also be discussed.

See Hong received his degrees in petroleum engineering from the University of Oklahoma and has more 30 years of world-wide experience in petroleum engineering and petroleum-related geomechanics research and applications. His professional careers include 18 years at Baker Hughes where he is serving in various consultancy, technical and managerial capacities, and 17 years at PETRONAS where he had management and operational responsibilities. In advancing the applications of oilfield geomechanics, See Hong taught industry short courses, published technical papers in addition to holding several US patents. He received an SPE Regional Technical Award in Drilling Engineering in 2012 and currently serves as an SPE Distinguished Lecturer.
An Investigation of Surface Expressions in Midway-Sunset Field

Speaker: Ahinoam "Noe" Pollack, Graduate Student; Energy Resources Engineering, Stanford University

Date: Dinner on Thursday, November 9, 2017

Times: Registration Opens @ 5:45pm, Dinner @ 6pm, Presentation @ 7pm

Location: The Eagles Lodge, 1718 17th Street, Downtown Bakersfield

Cost: Must RSVP or Pay Online; $30 Members, $35 Non-Members
      Students; Free - Must RSVP

Please Bring a Guest and Join Us for Great Fellowship, Networking, Food, and an excellent Technical Presentation!

Dinner: Dinner includes New York Steak, Baked Potato, Beans, Salad, and Rolls. The dinner line opens at 6:00pm; The Eagles will serve your Steak hot, right off of the grill, and cooked to your order (the Eagles have a great reputation for steaks)! Chicken or Vegetarian Lasagna are also available; If you do not want Steak, you must send an email or call, and state your entrée preference at least 24 hours before the event.

Drinks: Tea, water, and coffee are provided, along with a Pony Keg of Blue Moon Beer. Other alcoholic beverages are available separately from the bar.

Reservations: Please RSVP by 5pm Tuesday, November 7, 2017 either by clicking on the link below to SquareUp.com and purchasing the option appropriate for your Membership / RSVP Status:

https://squareup.com/store/society-of-petroleum-engineers-san-joaquin-valley-section/item/surface-study-meeting

OR

by Email/ Phone to Rod Guice: Stargazer10000@gmail.com or 720-217-5701 (call or send your entrée preference to this email address if you do not want steak).
Technical Consulting for the Oil & Gas Industry

I am Charlie Webb, owner of Golden Trout Engineering in Bakersfield, California. I have 36 years of unique technical experience with heavy and light oil fields in the San Joaquin Valley, including expertise in new technology development, project management, and design & construction of facilities. I worked 33 years with Chevron, including the six years as Technology Advisor for the San Joaquin Valley Business Unit.

Services

- Detailed engineering and design of surface facilities, including water treatment, well testing, steam generation and distribution, oil dehydration, and sour gas handling and processing.
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Last Month’s Section Luncheon Meeting at the Petroleum Club

Our special thanks to last month’s luncheon distinguished lecturer, Scot Buell, for sharing his expertise with our local professionals.

Reza Ardali, SPE/CRC and Scot Buell, Chevron

Please visit our website at http://sjv.spe.org/home then Click on the Resources Tab ➔ Library to log in and access the presentation.
http://sjv.spe.org/communityresources/library

We had a great turnout and we appreciate all the local professionals in attendance.

We look forward to seeing you again next month.
October's Surface Study Dinner Group Meeting at the Eagles Lodge

Speakers: Erin Larner and Lauren Gentile, Aera Energy

Rod Guice, DOGGR present gift to speakers

Eagles Lodge Participants
All proceeds benefit KEF

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11:30AM
Bakersfield Marriot Ballroom 801 Truxtun Avenue, Bakersfield, CA

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661.428.0821
kernenergyfestival.com

If you can’t attend the luncheon, a group spot is available for an intimate Stakeholder Strategy Session with Alex Epstein at 2:30PM. Please inquire below. Call Tracey Reynolds at 661.428.0821 for further information.

Kern Energy Foundation
1200 Discovery Drive, Suite 100
Bakersfield, CA 93309
tcmreymonds@gmail.com
The 91st Annual Wildcat Hijinks Show
Buck Owens’ Crystal Palace
Tuesday, December 5, 2017
Annual Network Night

“DOG Lickin’, Cherry Pickin’, Trump Kickin’
...in search of CRUDE”

Reception  6:00 – 7:00 p.m.
Dinner      7:00 – 8:00 p.m.
The Show     8:00 – 9:45 p.m.

Buck Owens’ Crystal Palace
2800 Buck Owens’ Blvd.
Bakersfield, CA 93306

Act Now and Reserve the Table of Your Choice for You and Your Friends!!

Reservations for tables of 4 to 14 seats, or individual seating is available. Seating is limited so requests are on a first come, first served basis. We recommend that you call or e-mail right away as tickets sell out rapidly. Choose the table(s) or seats that you wish to reserve and we will do our best to accommodate you. Prices and seating locations are shown on the attached seating chart, and are $90, $100, or $125 per person. Tax and tip included.

There will also be a no host cash bar available.

Deadline for reservations: November 30, 2017

Call or E-mail Julie DiMeglio at Brown Armstrong

Phone: 661-324-4971    email: jdimeglio@bacpas.com

---
Tickets and receipts will be mailed. Receipts will be provided only if requested.
Late reservations will be held at the door.
Please provide list of attendee names, if known; otherwise, tickets will be held under the Company or payer’s name.
The 91st Annual Wildcat Hijinks Show
Buck Owens’ Crystal Palace
Tuesday, December 5, 2017
Annual Network Night
“DOG Lickin’, Cherry Pickin’, Trump Kickin’
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Western Regional Meeting 2018
April 22-26, 2018
Hyatt Regency Orange County Hotel
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EMERGING TECHNOLOGIES FOR
MAXIMIZING RECOVERIES

Welcome Message

Dear Colleagues,

We invite you to attend the 2018 Western Regional Meeting, 22-26 April 2018 at the Hyatt Regency Orange County Hotel, Garden Grove, California – which is less than 10 a minute drive to Disneyland USA.

This year we are expecting to have an exceptional and diverse program covering thermal, conventional and unconventional operations from Alaska to southern California – and beyond. Between 80 and 90 technical papers will be presented at the conference. The program will include a Key Note address by The SPEI President, Darcy Spady and Panel Discussions involving Industry Executives along with state, local, and Federal regulators.

The Conference will also include several general interest field trips and a suite of 1-day and 2-day short courses which address topics of particular interest to attendees – more information on the field trips and short courses will be available later in 2017 so they can be considered as you make plans to attend.

Given the diversity of technical topics which will be addressed (see the Call for Papers page of this web site) and the top talent that will be present from our industry, we hope you will actively plan to attend the WRM 2018

Ted Frankiewicz
Spec Services
WRM 2018 Co-Chair
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A Note from Reza Ardali, SJV-SPE Membership Chair

To state the obvious, this is a tough time in the oil business. Please note, SPE has some good benefits to help us weather through this downturn. For those of you that know of others that have been laid off, please forward this information below to them. I think this will be helpful to them.

May I suggest you take a look at the following links:


2016 President Nathan Meehan, “Should I Stay or Should I Go?”
[https://www.spe.org/twa/print/archives/2016/2016v12n1/03_PresidentsColumn_v12n1.pdf](https://www.spe.org/twa/print/archives/2016/2016v12n1/03_PresidentsColumn_v12n1.pdf)

Please note, in spite of unemployment, you can renew your SPE membership. You can apply for a Dues Waiver.
To qualify for a dues waiver, you must ([http://www.spe.org/join/options.php](http://www.spe.org/join/options.php)):

- Provide a written request for unemployment or disability.
- Submit a dues waiver request annually.
- Email service@spe.org or write to:
  SPE
  Attn: Membership Processing
  P.O. Box 833836
  Richardson, TX  75083-3836 USA.

By keeping your membership, you will still be on our distribution list for networking, newsletters, and have access to helpful information to help you thrive in a downturn. Keeping your membership will help you get information from the SJV SPE section on future networking opportunities.

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

Other Resources to Join SPE
Join online: [www.spe.org/join](http://www.spe.org/join)

YouTube Video: [https://www.youtube.com/How to Join SPE (Professional Membership)](https://www.youtube.com/How to Join SPE (Professional Membership))

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

Student? Look at: [https://www.youtube.com/Student Membership](https://www.youtube.com/Student Membership)