From the Chair

Volunteer Opportunity!

September Activity Roundup

Scholarship Fundraiser

September General Section Meeting

Surface/Subsurface Study Groups

SJV SPE Networking Bash

Chili Cook-Off Entry Form

SJV-SPE Board Members

Join SPE

Inside this issue:

2

3

4

5

6

11

16

17

19

20
Dear Members,

Happy fall everyone! It is starting to look as if the triple digit days are behind us and cool crisp nights lie ahead.

We have organized several events for you during the month of October. Each of our sections (General, Sub-surface, & Surface) have organized lunch meetings. Additionally, on October 27th our long awaited chili cook-off will take place where we will also announce the scholarship raffle winner. As a reminder the Chili Cook-off is at the NEW Lengthwise location on District Boulevard. I hope to see you there.

As we move into October, the days continue to get shorter and before you know it Daylight Saving Time (November 6th) will be here, significantly increasing the time we drive in the dark. As a tip, defogging your headlights and cleaning the interior of your windshield will maximize the reach of your headlights and minimize any glare from oncoming traffic.

The details are nearly finalized for the Western Region Meeting, which will take place from April 23rd to the 27th, 2017! We recently sent out a postcard detailing sponsor and exhibitor opportunities. If you are interested, please reach out to jyurkanin@holmeswestern.com or lmehegan@slb.com respectively. Also, don’t forget we are currently accepting abstract submissions via our webpage. Don’t miss out on the opportunity to showcase your technical knowledge and publish your work.

Until next month.

Sincerely

Your SJV SPE 2016-2017 Chair,

Keith Kostelnik
#AreYouInterested?

Kern County Science Foundation needs SPE’s expertise!

We are looking for mentors for elementary science fair who have about 1-2 hours per month to meet with elementary students and engage with them on their science fair projects. We are looking for people who want to encourage students to continue on with their interest in STEM.

LOOKout

If you are interested, please contact SPE’s community outreach coordinator, Allison Escoveda, aescoveda@ebresources.com.
September Events Roundup

Does Heavy Oil Recovery Need Steam? - Johan Van Dorp, PE, Shell

USC Students Attend Summit ESP Training Event

Thanks to the generous support of Summit ESP, two students from University of Southern California Society of Petroleum Engineers (USC SPE) Student Chapter, had the opportunity to attend a Summit ESP Technical Training Event. Mr. Anuj Suhag and Ms. Vidhi Malik, had the opportunity to learn from industry professionals gaining a better understanding of ESPs and their field applications. The USC SPE Student Chapter would like to express its gratitude to Summit ESP for their continual support to the chapter and for taking the initiative to provide students with valuable real life learning opportunities.
Sliderule

Yes, you can find an engineer over there... just look for someone glassey-eyed, staring at a spreadsheet.

by David Crane

10-Year Oil Price Chart
RAFFLE TO SUPPORT SPE SCHOLARSHIPS

Enter for a chance to win a $750 gift certificate to Sea Venture Beach Hotel & Restaurant in Pismo.

1 ticket for $20 or 6 tickets for $100

Tickets can be purchased at SPE SJV events or by directly contacting:

Dave Susko at david.susko@bakerhughes.com or 661-336-3408

or

Scott Myers at SMYers@flotekind.com

All proceeds go to this year’s SPE Scholarship recipients!!!
How will California’s Draft GHG Standards for Oil and Gas Operations Impact EPA’s Regulations on the Existing Sources of Methane?

**Speaker:** Yasmeen Sultana / Jonya Blahut, Environmental Resources Management

**Date:** Thursday, **October 20**th, **2016** @ 11:30 AM

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

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

**Reservations:** RSVP by **Tuesday morning September 13**th, using one of the following options:

**PayPal Links**

- [PayPal Link for SPE Members—$25](#)
- [PayPal Link for Non-SPE Members—$30](#)

Or

Email Jeff Kim at [Jeff.Kim@CRC.com](mailto:Jeff.Kim@CRC.com)

Call (661) 412-5507

Walk-ins and attendees with email/phone RSVP must pay at the door. Credit cards and cash accepted at the door. RSVP no shows will be billed.
Abstract
The California Air Resources Board (CARB) has recently published draft greenhouse gas standards for the oil and gas operations to meet Governor Jerry Brown’s goals to reduce Methane emissions by 40-45% by 2025 from the oil and gas sector. This regulatory activity is significant for Oil and Gas Sectors as it covers both existing and new sources of methane within the Oil and Gas sectors unlike previous regulation. The rule sets a strong precedence for EPA or other state agencies that might be considering regulation for existing sources of methane. The scope of the regulation includes large sources of methane such as storage tanks, however, it also covers sources that ARB is considering “super-emitters” and very small sources of methane including tanks with very small throughputs. There are standard requirements to install control devices on tanks, however, there are also very stringent requirements such as quarterly inspections under Leak Detection and Repair. Furthermore, the regulation requires continuous leak monitoring for natural gas storage facilities. EPA is already considering certain CARB requirements such as flash testing for Methane Information Collection Requests (ICRs). We expect to see a lot more collaboration between CARB and EPA for the development of EPA’s Rules on existing sources of Methane.

Biography:
Yasmeen Sultana, Environmental Resources Management

Yasmeen Sultana is a Partner working in ERM’s Bakersfield, California office. Ms. Sultana has more than 10 years of experience in air quality and climate change practice specifically within the oil and gas sector. She worked as an Air Quality Inspector at San Joaquin Valley Air Pollution Control District in Central Valley, CA. Ms. Sultana has also worked on air permitting, Title V compliance assessment and auditing projects for various manufacturing, oil and gas, power plants, and other clients. Ms. Sultana has been assisting major Upstream Oil and Gas clients and Western States Petroleum Association with California Air Resources Board’s (CARB’s) new emerging Methane rule with advocacy support.

Jonya Blahut

Ms. Jonya Blahut is a project consultant based within ERM’s Bakersfield office. Ms. Blahut has experience working in facility multi-media regulatory environmental compliance role including air, water, waste, and hazardous materials. Ms. Blahut is also experienced in developing compliance assurance programs, GHG Inventories, and Title V compliance.
As others cut back, Summit’s Service Technicians are rotating through our two week Advanced Field Services course. Another sign of Summit’s commitment to exceeding our customer’s production objectives.

Our training course brings Summit Field Service technicians the tools and skill sets needed to provide advanced variable speed drive service for all major manufacturers.

Summit service technicians leave our training with these skills:
- Critical system safety checks prior to operation
- Setup of ESP operating parameters with multiple drive manufacturers
- Operation of various Human Machine Interface (HMI) systems
- Telemetry connectivity and SCADA/Modbus control
- Installation of digital and analog inputs and outputs
- Testing and replacement of drive subcomponents
- System optimization to reduce power consumption and heat generation

Consult your Summit representative for additional information regarding how this training and other Summit resources tie together to provide you well and field optimization.
Electric Submersible Pump Systems

A single source for your artificial lift needs

geoilandgas.com

GE Oil & Gas is dedicated to lowering your lifting costs, increasing production, extending runtimes, and optimizing operations through the application of our industry leading Electric Submersible Pump products.

We draw on innovative solutions across GE’s high-tech portfolio to bring more capabilities and performance to the field; we are helping shape the oil and gas industry by injecting technology and lessons learned from our other businesses directly into our artificial lift products. All of this is complemented by superior regional and local support services that allow us to meet our customers’ needs through collaboration and innovation.

One source. One team. Capable, responsive, reliable, innovative and ready to maximize your well so it performs at its optimal level — whatever its location or stage.

For more details please contact:
Braidon Waggoner
1 (661) 342 9836 | Braidon.Waggoner@ge.com
Peter Hege
1 (562) 371 5237 | Peter.Henge@ge.com
Stress Profiling – Key to Unconventional Fracing and Completion

Speaker: Manish K. Lal, Senior Reservoir Engineer, Chevron

Date: Thursday, October 13th, 2016 @ 11:30 AM

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

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

Reservations: RSVP by Tuesday morning October 11th, using one of the following options:

PayPal Links

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

Or

Email Guillaume Moog at gmoog@aeraenergy.com

Call (661) 665-5499

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.
Abstract

Rock stress is one of the factors that dominate the hydraulic fracturing process. The minimum horizontal stress or fracture closure stress across a target stimulation interval determines the required injection pressure for initiating and propagating a fracture. Rock stress evolves during burial and tectonic history of a basin, in part because rock properties continuously change as a consequence of diagenesis and mechanical processes.

While opening new pathways for flow through target intervals, caution must be exercised so that induced fractures don’t breach across the seal. Sonic logs derived geomechanical models bear some uncertainties on the shale pore pressure and minimum horizontal stress across key lithofacies and thus require further calibration to predict rock stresses. By contrast, microfracture testing can help in acquiring direct in-situ measurements of minimum horizontal stress at discrete intervals.

In this paper, we discuss a case study where both sonic logs and microfracture logs were acquired on the same wellbore. Microfracture tests provide direct measurements of minimum horizontal stresses that were used to calibrate poroelastic models from sonic logs. Further, microfracture tests were compared with leak off tests to give more confidence in mud weight window for drilling. The closure stress measured from sonic logs and the corresponding calculated closure stress was plotted on Formation and Mud Pressure vs. Depth plot. This served as a boundary below which the mud weight could be adjusted to be above the formation pressure but below the fracture pressure. This also served as a yardstick for comparing the Leak off Test (LOT) and Formation Integrity Test (FIT) data to adjust the upper limit for mud weight. Accurate stress measurements provide parameters for calibrating geomechanical models.

This is especially important in tight rocks where fracture stimulation is an attractive option to prove and maintain the commerciality of the reservoir.

Biography:
Manish K. Lal is a senior reservoir engineer with the Chevron Asset Development Team in the San Joaquin Valley business unit. Manish has 13+ years with Chevron working on thermal recovery, waterflooding, CO2 EOR, and deep water. Prior to Chevron, he worked as a production Engineer with Oil and Natural Gas Corporation, India. Manish is a professional petroleum engineer in Texas. He holds both a B.S. and a M.S. in Petroleum Engineering and a MBA.
Steam Generation Using Solar Methods

Speaker: Mr. John O'Donnell, Vice President of Business Development, GlassPoint

Date: Thursday, October 6th, 2016 @ 11:30 AM

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

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

Reservations: RSVP by October 5th, using one of the following options:

PayPal Links

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

Or

Email Rod Guice at stargazer1000@gmail.com

Call (720) 217-5701

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.
Abstract

GlassPoint designs, manufactures and installs solar steam generators for the oil and gas industry worldwide. Their technology, born in Bakersfield, is now being deployed internationally; They have forged partnerships with energy leaders and strategic investors including Royal Dutch Shell, Petroleum Development Oman and the State General Reserve Fund of Oman (the country’s largest sovereign wealth fund), and can offer significant savings on steam costs - more than a 30% reduction compared to gas-fired steam, without capital expenditure by operators. GlassPoint is currently building the largest solar project in the world for a steamflood project in southern Oman.

The company’s enclosed trough technology houses thin curved mirrors inside a glasshouse. The mirrors track the sun throughout the day, focusing heat on pipes containing oilfield water. The concentrated sunlight boils the water to generate steam, which is then injected into the oil reservoir just like steam produced by burning fuel. The glasshouse protects the mirrors from high winds and blowing sand and dust. It has an automated washing machine to maintain optimal performance even in harsh oilfield desert conditions. By bringing the solar collectors indoors, GlassPoint has achieved a number of capital and operating cost reductions compared to exposed solar thermal designs. As a result, GlassPoint solar steam generators can produce steam at costs competitive with natural gas in many oil-producing regions.

Biography:

Mr. O'Donnell brings tremendous depth of experience in the solar thermal arena to GlassPoint as former founder and president of Ausra, Inc. (now AREVA Solar), one of the early leaders in the solar industry. John started his career at U.S. Department of Energy’s Princeton Plasma Physics Laboratory. Later, he was founder and holder of executive positions at Venearth Group, Pixelworks, Inc., Equator Technologies, Inc. and Multiflow Computer, Inc. John is named on nine U.S. patents. He has a B.Sc. with Special Distinction in Computer Science from Yale University.
Production Gauging Principles and Methods

Instructors: Suzanne Castrup, Integrated Sciences Group
Charlie Webb, Golden Trout Engineering

Date: November 15th, 2016 @ 8:30 AM to 4:30 PM

Location: University of Phoenix, Bakersfield Training Facility, 4900 California Ave, Bakersfield

Course Description: This one-day professional short course covers basic well gauging principles and methods used to monitor heavy oil production from steamflood or cyclic steam projects. A comprehensive review of production gauging fundamentals, including phase separation efficiency, water cut measurement, flow rate measurement, and assessment of gauging accuracy is presented along with guidelines for establishing the appropriate gauging frequency and duration for improved monitoring of steamflood and cyclic steam producers.

Who Should Attend: This course is intended for facility, production and reservoir engineers and other technical personnel currently responsible for the design, implementation, operation or management of steamflood or cyclic steam projects.

Instructors: Ms. Suzanne Castrup, Vice President of Integrated Sciences Group, has over thirty-five years of experience in heavy oil recovery. She currently provides engineering consulting services for monitoring and optimizing heavy oil projects in California, South America, Canada and the Middle East. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermal EOR in Chevron's Western Basins Group providing in-house consultation on steamflood and cyclic steam project design, implementation and evaluation. She also managed several heavy oil properties in the San Joaquin Valley and spent eleven years as a Research Engineer at Chevron Oil Field Research Center. She has published numerous technical papers, holds several patents relating to heavy oil recovery and is a recipient of the 2007 SPE International Award for distinguished contributions to petroleum engineering projects, facilities and construction.

Mr. Charlie Webb has over thirty-five years of facilities and production engineering experience working on various Chevron heavy oil projects in the San Joaquin Valley, including thirty-three years with Chevron. During his tenure with Chevron, he managed the 1Y Antelope cyclic steam optimization project in the Cymric field and oversaw efforts to improve the accuracy of well gauging facilities. He is a recipient of the 2009 SPE International Award for distinguished contributions to petroleum engineering projects, facilities and construction. Mr. Webb is currently a consultant with Golden Trout Engineering.


Includes comprehensive course book, slide handouts, lunch and refreshments during class. Register online at www.isgmax.com/petroleum_training.htm, by phone at 661-872-1683, fax at 661-872-3669 or email at training@isgmax.com. Checks payable to Integrated Sciences Group can be mailed to Integrated Sciences Group, 14608 Casitas Canyon Rd, Bakersfield, CA 93306.
Announcing
SPE SJV Section Monthly Networking Bash
Second Annual Chili Cook-Off

Sponsored by:

San Joaquin Valley Section

Thursday, October 27, 2016
5:30 to 7:30 pm
at
Lengthwise Brewery – 7700 District
***New Location in the Southwest***

Also we will be holding our Scholarship Raffle for the $750 gift certificate to Sea Venture Hotel

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.

Non-member guests are always welcome to attend.

RSVP to Dave Susko @ david.susko@bakerhughes.com or 661-342-0691
SPE Chili Cook-off
October 27th, 2016

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:** October 27th

**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, 7700 District Blvd, Bakersfield ***New Location***

**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)

Or

**Purchase with cash at the door.**

100% of proceeds to go towards SPE Scholarships

Raffle tickets for door prizes $5 for 3 tickets

**RSVP to Blythe Johnson @ blythejohnson@chevron.com**
Contestant Form – Chili Cook-off

October 27th, 2016

Name (Individual/Team): _________________________________

Team member Names:_____________________________________
_____________________________________________________

Address:_______________________________________________

Phone: _____________________   Email:_____________________

APPLICATION DEADLINE: October 21th
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 October 25th (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)    ______

RSVP to Blythe Johnson @ blythejohnson@chevron.com
# SJV SPE Board of Directors

## 2016-2017

<table>
<thead>
<tr>
<th>POSITION</th>
<th>NAME</th>
<th>COMPANY</th>
<th>PHONE</th>
<th>E-MAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section Chair</td>
<td>Keith Kostelnik</td>
<td>California Resources Corp.</td>
<td>(661) 412-5427</td>
<td><a href="mailto:Keith.Kostelnik@crc.com">Keith.Kostelnik@crc.com</a></td>
</tr>
<tr>
<td>Program</td>
<td>Jeff Kim</td>
<td>California Resources Corp.</td>
<td>(661) 412-5507</td>
<td><a href="mailto:Jeff.kim@crc.com">Jeff.kim@crc.com</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Tom Hampton</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5227</td>
<td><a href="mailto:TJHampton@aeraenergy.com">TJHampton@aeraenergy.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Mojtaba (Reza) Ardali</td>
<td>California Resources Corp.</td>
<td>(661) 412-5221</td>
<td><a href="mailto:Mojtaba.Ardali@crc.com">Mojtaba.Ardali@crc.com</a></td>
</tr>
<tr>
<td>Membership</td>
<td>Mojtaba (Reza) Ardali</td>
<td>California Resources Corp.</td>
<td>(661) 412-5221</td>
<td><a href="mailto:Mojtaba.Ardali@crc.com">Mojtaba.Ardali@crc.com</a></td>
</tr>
<tr>
<td>Surface Study Group</td>
<td>Rod Guise</td>
<td>Independent</td>
<td>(720) 217-5701</td>
<td><a href="mailto:stargazer10000@gmail.com">stargazer10000@gmail.com</a></td>
</tr>
<tr>
<td>Subsurface Study Group</td>
<td>Guillaume Moog</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5499</td>
<td><a href="mailto:gmoog@aeraenergy.com">gmoog@aeraenergy.com</a></td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Jared Paddock</td>
<td>Chevron</td>
<td>(661) 654-7945</td>
<td><a href="mailto:Jared.Paddock@chevron.com">Jared.Paddock@chevron.com</a></td>
</tr>
<tr>
<td>Website Administration</td>
<td>Indar Singh</td>
<td>Aera Energy LLC</td>
<td>(661) 665-5243</td>
<td><a href="mailto:ISingh@aeraenergy.com">ISingh@aeraenergy.com</a></td>
</tr>
<tr>
<td>Continuing Education Program</td>
<td>Patrick Niebuhr</td>
<td>Halliburton</td>
<td>(661) 391-1920</td>
<td><a href="mailto:Patrick.Niebuhr@halliburton.com">Patrick.Niebuhr@halliburton.com</a></td>
</tr>
<tr>
<td>Activities</td>
<td>David Susko</td>
<td>Baker Hughes</td>
<td>(661) 336-3408</td>
<td><a href="mailto:David.Susko@bakerhughes.com">David.Susko@bakerhughes.com</a></td>
</tr>
<tr>
<td>Community Outreach Education</td>
<td>Allison Escovedo</td>
<td>E&amp;B Resources</td>
<td>(661) 699-3690</td>
<td><a href="mailto:aescovedo@ebresources.com">aescovedo@ebresources.com</a></td>
</tr>
<tr>
<td>Young Professionals Liaison</td>
<td>David Lin</td>
<td>Aera Energy LLC</td>
<td>(661) 665-4308</td>
<td><a href="mailto:DHLin@aeraenergy.com">DHLin@aeraenergy.com</a></td>
</tr>
<tr>
<td>Award Nominations</td>
<td>Pamela Willis</td>
<td>Aera Energy LLC</td>
<td>(661) 869-5790</td>
<td><a href="mailto:PTWillis@aeraenergy.com">PTWillis@aeraenergy.com</a></td>
</tr>
<tr>
<td>Western NA Regional Director</td>
<td>Andrei Popa</td>
<td>Chevron</td>
<td>(661) 654-7187</td>
<td><a href="mailto:AndreiPopa@chevron.com">AndreiPopa@chevron.com</a></td>
</tr>
<tr>
<td>Student Chapter Faculty Advisor</td>
<td>Dayanand Saini</td>
<td>CSUB</td>
<td>(661) 654-2845</td>
<td><a href="mailto:dsaini@csub.edu">dsaini@csub.edu</a></td>
</tr>
<tr>
<td>Student Chapter President</td>
<td>Usama Sultan</td>
<td>CSUB Student Chapter</td>
<td>(818) 812-0591</td>
<td><a href="mailto:csub.spe@outlook.com">csub.spe@outlook.com</a></td>
</tr>
</tbody>
</table>
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))

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

1. University degree equivalent to 4-year Bachelor’s degree in engineering or basic or applied sciences
2. 2-year science or engineering degree or a 4-year degree in a field other than science or engineering
3. 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](https://www.youtube.com/Student Membership)
**Advertising Order Form for the monthly newsletter of the San Joaquin Valley Section of Society of Petroleum Engineers**

**Company Information:**

| Company: | 
| Address: | 
| City, State, Zip: | 
| Business Phone: | 
| Fax: | 
| Contact Name: | 
| Date of Request: | 

**Monthly Advertising Rates: (circle one)**

<table>
<thead>
<tr>
<th>Size, inches</th>
<th>Rate, $ / Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 X 3.5</td>
<td>25.00</td>
<td>(One business card size)</td>
</tr>
<tr>
<td>4 X 3.5</td>
<td>50.00</td>
<td>(Two business cards size)</td>
</tr>
<tr>
<td>6 X 3.5</td>
<td>75.00</td>
<td>(Three business cards size)</td>
</tr>
<tr>
<td>8 X 3.5</td>
<td>100.00</td>
<td>(Four business cards size)</td>
</tr>
<tr>
<td>10 X 3.5</td>
<td>125.00</td>
<td>(1/2 page, one column)</td>
</tr>
<tr>
<td>2 X 7</td>
<td>50.00</td>
<td>(Two business cards size)</td>
</tr>
<tr>
<td>4 X 7</td>
<td>100.00</td>
<td>(Four business cards size)</td>
</tr>
<tr>
<td>5 X 7</td>
<td>125.00</td>
<td>(1/2 page)</td>
</tr>
<tr>
<td>6 X 7</td>
<td>150.00</td>
<td>(Six business cards size)</td>
</tr>
<tr>
<td>10 X 7</td>
<td>250.00</td>
<td>(full page)</td>
</tr>
</tbody>
</table>

**Advertising Order Form:**

<table>
<thead>
<tr>
<th>Ad Size</th>
<th>Start Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Month Cost</td>
<td>[ ] Paid in Full</td>
</tr>
<tr>
<td># Months Run</td>
<td></td>
</tr>
<tr>
<td>TOTAL Due:</td>
<td>[ ] Payment Due</td>
</tr>
</tbody>
</table>

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

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

**Special Instructions:**

**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:**

Jared Paddock, Newsletter Editor  
Jared.paddock@chevron.com

**Note:** We offer a 10% discount off the above prices, for 6 months, and a 20% discount for 12 months.

**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 jared.paddock@chevron.com