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Dear SJV SPE Members,

Shout out to Andrei Popa, Chevron, talked about the case for incorporating data sciences into petroleum engineering in YouTube video premiered March 19, 2019. Thanks to Andrei for his service to SPE over the years both in volunteer work and in sharing his expertise in data sciences. This is what I love about SPE – the sharing of knowledge and expertise.

Thanks to the golf committee for the SJV SPE and SJGS Golf Tournament. It was a great success! I appreciate the sponsors and participants! This money is used for SPE SJV scholarships. See page 7 for our thanks to sponsors.

View below of Kern County Supervisor Chambers comment period on BLM’s Draft Supplemental EIS for hydraulic fracturing. I was surprised that very few people from the industry were there. Most of the speakers focused on comments to shut down the oil industry as the oil industry is the cause of all that is wrong in Central Valley rather than comment on the EIS report. There was passion and different viewpoints in opposition to the oil industry. I was disappointed that those that did speak out for the industry were shouted at and heckled. It seemed like a “holy crusade” to demonize fossil fuels. The picture with the chick is my view of what was going on. There are some serious issues that warrant better approaches than what went on.

I love the quote by John Adams (1735-1826), “Facts are stubborn things; and whatever may be our wishes, our inclinations, or the dictates of our passion, they cannot alter the state of facts and evidence.” There are some great facts in the book by Alex Epstein, “The Moral Case for Fossil Fuels.” Fossil Fuels have helped us to live longer and better lives. This is critical to point out. Note that the oil industry typically argues jobs and economics to promote and defend the industry. But we should recognize that the oil industry is perceived like the tobacco industry, an addiction. We will lose in the long run by taking only the economic perspective. There are facts that support a moral case for fossil fuels. Don’t have space to get into it here, check out Alex Epstein’s book.

This is my final month as serving as SPE SJV Section Chair and General Section Meeting Chair. We have a wonderful section! I have enjoyed serving the SPE community. I am grateful for all those that have served and continue to serve in SPE. I have wonderful friends and colleagues in this industry!

Welcome Jared Paddock as new SPE SJV Section Chair. Also, I welcome the new directors stepping into the board. I appreciate their willingness to serve. The list of officers and their positions will be announced in the next newsletter.

Check out this newsletter for upcoming events – training (page 4 ISG Subsurface Heat Mgt course and page 11 for list of upcoming SPE sponsored courses). There is scholarship awards in General Section Meeting on June 13th. There are some nice letters of thanks from students SPE SJV had helped to attend the 2019 WRM in San Jose (page 7).
Scholarship Award Luncheon

Thursday, June 13, 2019 @ 11:30 AM

Petroleum Club 12th Floor – 5060 California Avenue, Bakersfield

**Speaker:** Tom Hampton

**Reservations:** RSVP by June 10th to help with planning

**Pay Online:** [Online Payment Link](#)

Or Email Tom Hampton at [thampton@sentinelpeakresources.com](mailto:thampton@sentinelpeakresources.com)

**Scholarship Award Luncheon for SPE SJV Recipients**

Dear San Joaquin Valley section members,

We invite all our local industry professionals and students to the luncheon as we continue our tradition of supporting local students to pursue bachelor or graduate engineering programs. Let's give scholarship recipients and their families words of encouragements and advice as they start their new and exciting journey.

Thanks!

**Biography** Tom Hampton is fourth generation oil man, currently working as Senior Reservoir Engineer at Sentinel Peak Resources. He has a successful career history in greenfield development, reservoir management, and brownfield re-development using various enhanced oil recovery methods. Have proven track record in water floods, steam floods, gas injection pressure maintenance, and chemical floods. These projects have resulted in adding rate and reserves. Effective team member in fast paced collaborative team environment for both large and small oil companies. Licensed professional Engineer in California, member of Society of Petroleum Engineers for over 30 years, 2018-2019 Chair of SJV SPE Board of Directors, 2017 SPE Western Regional Meeting Technical Committee Chair, authored several SPE Papers, National Association of Royalty Owner (NARO) – Oklahoma, manages family owned company with oil & gas minerals in Oklahoma. Math degree from Brigham Young University, Petroleum Engineering degree and MBA from University of Oklahoma.

Tom enjoys spending time with his family, reading, swimming, and serving in his church.
Subsurface Heat Management 3-day Workshop
June 11-13, 2019, 8:30 am to 4:30 pm
University of Phoenix, Bakersfield, CA
$2,195 per Student

Course Description
This course provides a comprehensive review of steam flooding and cyclic steam processes, well completions and subsurface equipment, and reservoir heat management principles. This course also includes hands-on training in the use of ISG's ResHeat software to analyze data and evaluate subsurface heat management efficiency. Emphasis is given to practical methods and techniques that have been proven to be effective in improving the economic performance of actual steam flood and cyclic steam stimulation projects. The course outline is available at www.isgmax.com/SSHM_Workshop.htm. Upon completion of this course, participants will have a better understanding of the important aspects of steam injection and heat management processes and know how to:

1. Develop cost-effective surface and subsurface monitoring programs.
2. Analyze monitoring data to evaluate project performance.
3. Optimize steam use and maximum production response.

Who Should Attend
This course is intended for petroleum engineers, geologists, technical assistants and project team members that would like practical experience diagnosing and optimizing the performance of steam flood and cyclic steam projects.

Instructor
Ms. Suzanne Castrup, President of Integrated Sciences Group, has over thirty-five years of experience in heavy oil recovery. Since joining Integrated Sciences Group, she has developed several measurement science and petroleum engineering courses and provided engineering consulting services for monitoring and optimizing heavy oil projects in California, Canada, Latin America and the Middle East. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermally Enhanced Oil Recovery in Chevron’s Western Basins Group providing in-house consultation on all aspects of steam flood and cyclic steam project design, implementation and evaluation. She has published numerous technical papers and 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.

Registration
The deadline to register is June 4, 2019. Register by telephone (1-661-872-1683), fax (1-661-872-3669) or online (www.isgmax.com/sshm_training.htm). Registration is effective upon receipt of tuition. Tuition can be paid by check, Visa, MasterCard, American Express or Discover card.
**CCCOGP Online Videos: Drilling 101, Open Hole Logging, and Petroleum Geology**

The CCCOGP has prepared the following as online videos and can be found on the CCCOGP webpage. The course outlines are provided below.

**Drilling 101**

This course is designed to introduce drilling concepts. The presentation is based on the book, *Applied Drilling Engineering*, an SPE text book available online. Topics covered include initial preparation for drilling operations, mud, cement, bit, formation and fracture pressures, casing design considerations, directional drilling, and a brief discussion of the BP Blowout.

I. Pre-Drilling Groundwork  
II. Drilling Fluids (Mud)  
III. Cement  
IV. Bits, Formation and Fracture Pressures  
V. Casing  
VI. Directional Drilling  
VII. BP Blowout  

*Instructor: Val Lerma*

**Open Hole Logging**

This course is for those who are interested in learning how to read and do simple interpretations with basic open hole wireline logs. Emphasis will be on older logs that are common in mature California basins. The types of logs covered are resistivity, spontaneous potential (SP), sonic, gamma, density and neutron.

- Borehole environment and log header and scales  
- Electrical logs-Resistivity and SP  
- Radioactive logs-GR, Neutron, Density  
- Water saturations using Archie’s equation

*Instructor: Dr. Janice Gillespie*

**Petroleum Geology for the Non-Geologist**

This course is designed to help non-geologists in petroleum-related fields understand just what all these geologists are talking about! We’ll discuss why oil is found in some areas and not in others, what kinds of tools geologists use to assess the petroleum potential and petroleum reserves in an area and what factors they consider when deciding where to drill.

- Oil and Gas—Sources and Maturation: Composition—CH as gas vs. liquid; Properties—light vs. heavy, sweet vs. sour; Sources; Source maturation—the kitchen  
- Rock Types—Reservoirs and Seals:  
  - Sedimentary Rocks—Porosity and Permeability—logs and cores; What kinds of rocks act as reservoirs?  
  - Where do they form? — Basins; Non-Marine; Shallow Marine; Deep Marine; Facies Changes  
- Traps: Folds; Stratigraphic Traps: Faults: Role of seismic  
- Structure contour maps and fluid contacts  
- Finding oil on electric logs

*Instructor: Dr. Janice Gillespie*
Developing the Next Generation of Completion Engineers
by Mark Van Domelen, VP Downhole Chemical Solutions,
May 16, 2019

SPE Online Education – the Netflix of the O&G Industry!

Visualizing Rod Design and Analysis Through the Wave Equation, by Walter Phillips from 3dwellbore.com, Black Gold Pump Consultant, May 30, 2019

Walter Phillips, 3dwellbore & Linda Mohammed, Aera
A Special Thank-You to All the Vendors that Sponsored our Annual SPE-SJGS Golf Tournament

They kept everyone well fed during the tournament and helped us raise funds to support our annual High School Scholarships for Kern County Students.
Letters of Thanks from the Students that attended 2019 WRM

Attending the SPE Western Regional Meeting this past weekend that was held in San Jose was a great experience for me. I was able to talk and network with many different companies and was able to meet a few that were located in Bakersfield. Being the President of our Student Chapter, it was a great opportunity for me to be able to meet and socialize with the presenters and companies that were there. One of the company’s I spoke with were located in Bakersfield and even offered to give our club a tour of their facility. Everyone I spoke with at that the meeting were enthusiastic about our members being there and were really informative. Being able to attend and hear the various different presenters gave me insight on research that is currently being done in the industry and how companies around the world are trying to improve and become more efficient.

Michael Davalos
Engineering Major with Petroleum Emphasis

Thank you for giving myself and many other members of the Society of Petroleum Engineers’ (SPE) the opportunity to attend the Western Regional Meeting for SPE. At the event, we were exposed to the latest and greatest technologies by professors and industry professionals from all over the globe. The conference was also a great opportunity to meet many people that work in the industry and expand the networking for each of us. Without your generous donation, none of this would have been possible.

David Gleason
First, I want to thank our club for giving us the opportunity to attend this event and expose us to real world applications in the oil industry and for being able to network with different people from different companies. We learned new methods on how to recover oil from the reservoirs as well as new modeling methods to get a better breakthrough and better results. One topic that really caught my attention was the “understanding flow through interwell tracers”. A discovery of this research was that spikes in injection rates show correspondence with spikes of tracer concentration, which suggests a strong relationship between injection rates and flow path opening. Another conclusion from this research was that for the pattern under polymer flooding, the flow lines have been completely modified after the inter-well tracer test performed in 2015.

Mario Vasquez
SPE Secretary

The Society of Petroleum engineers conference in San Jose was an amazing experience. Upon arrival to the conference I examined the schedule and found that there was many lectures going on that day about topics I understood. I sat in for many of the lectures; the ones I enjoyed were based on EOR (Enhanced Oil Recovery) on heavy oil, Tracer flow through an oil field, and lastly an EOR technique I had never heard about called Gas and Downhole Water Sink-Assisted Gravity Drainage. This technique from my understanding adds water to a reservoir and injects CO2 to create a gas cap, thus squeezing the oil between the two layers and extracting more oil. After listening to the lectures, I left and found myself in a new hall surrounded by oil companies who were eager to explain their company and products that they have created. I enjoyed this part the most, being exposed to oil companies I had never heard about and learning their role in the oil field was eye opening to me. Along with that there was exposure to actual production equipment and seeing those tools in person gave a physical aspect to things I have learned in school. Thank you for helping fund my experience at this conference.

-Johnny Nolasco

This past week we had the opportunity to attend the 2019 Western Regional Conference in San Jose. This was a great opportunity to learn and network with companies and current engineers. At the exhibition, we learned about new technologies that are innovating the industry. For example, we were able to talk to RGL and learn about their top of the line liners. They explained how their liners are made and why they are better for certain sand producing wells. The exhibition provided opportunities to network with professionals who gladly shared their knowledge and experiences, learned about the companies, and provided possible career opportunities. We also attended multiple presentations where engineers shared their studies and findings. Particularly, we attended a presentation on the impact of fractures communicating two or more wells. This experiment found that increasing well spacing could improve the stimulation performance of the reservoir. Having the opportunity to see how this industry is still innovating itself, provides great excitement to begin our careers and motivates us to positively contribute to this industry.

Isabel Guerra
Hello, my name is Kyle Jameson and thank you for helping us (SPE) to be able to attend meetings such as these. While I was there I talked to multiple companies, including: Schlumberger, RGL, Summit, Miocene and a few others, and gathered insight on their products and support duties. I also made valuable connections that could lead to business tours and possible employment opportunities. As I attended some presentations the main points that stood out for me, was how a company was reproducing the viscosities of three components over a much larger temperature, pressure, and compositional change than before. They have been doing this at a greater processing time using the model they were displaying. One last presentation I really enjoyed was MicroSeismic’s display of the impact of hydraulic fracturing hits on nearby wells. The model was still in study and was incorporated in the Marcellus Shale. The stimulation workflow started with reading the SRV and the PSRV seismic data and then transitioned into the layout of the field along with reading the reservoir properties. Once they compared that data with the core data with the PVT data, they were able to put together a reservoir model and observe how the hydraulic fracturing hits were affecting nearby wells. A lot of knowledge was at this meeting and I appreciate all the help in getting us there and allowing us to reach out and talk to unique individuals that have limitless knowledge!

Kyle Jameson  
(661) 817-4002  
kyleJameson30@gmail.com  
CSUB: ENGR Science|Petroleum Emphasis

This past week a group of students and I were fortunate to attend the 2019 SPE Western Regional Meeting in San Jose, California. As an upcoming engineering graduate this May, this conference was a great experience for professional growth. The presentations we attended demonstrated how the gas and oil industry continues to grow and the constant innovation that drives it. The conference showcased some exhibitions which became great networking opportunities. Some of which, to our surprise were locally stationed in Bakersfield. For example, Miocene Inc. an engineering and operating services company offered us a tour of their work sites and more information on the services they provide to operators. One particular company with great information was RGL/Pacific Perforating Inc., they showcased their sand control devices. We talked about their technology and how it mitigated excess sand production with a reasonable cost to the operator. While not only being cost effective but also preventing future workovers and acid jobs in the wellbore that could cost the operator a lot more. Two notable presentations we attended were on a friction theory viscosity model used for reservoir simulation and the impact of fracturing hits on production performance. The presentations demonstrated the continuous innovation and theory of reservoir simulation to better understand the reserves and optimize the production. Many times, the presenters were approached with challenging questions about their choice of models/methods, but they were always very open to the concerns. They would continue to accept all forms of advice and feedback, in all every presentation ended in collaboration and positive responses.

Alejandro Aguilar  
SPE Membership Chair
SPE SJV - Training Opportunities for 2019

The SPE SJV Section is pleased to announce a series of courses we have arranged for 2019 with SPE International and other excellent training providers. Please find details of the courses below and additional information at our website.

<table>
<thead>
<tr>
<th>Date</th>
<th>Course</th>
<th>Instructor</th>
<th>SPE price</th>
<th>Non SPE price</th>
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<tr>
<td>3-4 Jun</td>
<td>An Introduction to California Oil Industry Legislation and Regulations</td>
<td>John Yu</td>
<td>$990</td>
<td>$1200</td>
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<tr>
<td>23-24 Jul</td>
<td>The Science and Technology of Water Management in Upstream Operations</td>
<td>John Walsh</td>
<td>$1400</td>
<td>$1800</td>
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<tr>
<td>5 Aug</td>
<td>Artificial Lift</td>
<td>Rajan Chokshi</td>
<td>$750</td>
<td>$950</td>
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<td>11-12 Sep</td>
<td>Python for Petroleum Data Analytics</td>
<td>Shahab Mohaghegh</td>
<td>$1400</td>
<td>$1800</td>
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<td>21 Oct</td>
<td>Enhanced Heavy Oil Recovery</td>
<td>Behrooz Fattahi</td>
<td>$625</td>
<td>$700</td>
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<td>22 Oct (AM)</td>
<td>A Soft Transformation Approach to Career Success</td>
<td>Behrooz Fattahi</td>
<td>$200</td>
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<td>28-29 Oct</td>
<td>Cement Evaluation and Remediation</td>
<td>Bill Ott and James Smolen</td>
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<tr>
<td>11 Nov</td>
<td>Managing Your Business Using PRMS and SEC Standards</td>
<td>TBD</td>
<td>$750</td>
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Please get in touch with gwynmali@yahoo.co.uk if you have any questions regarding these courses. Additionally, if there are any other courses that you feel that our members would benefit from organizing locally, we would like to hear from you.

We encourage people to book as soon as possible to ensure the courses are not at risk of being cancelled. We are also able to offer significant discounts to companies that send several attendees to the same course.
Dear SJV SPE Members,

The SPE is pleased to announce an Introduction to California Oil Industry Legislation and Regulations course in Bakersfield on the 3rd-4th June 2019 at California State University Bakersfield.

This two-day course is an introduction to California oil & gas legislation and regulations, which will cover: general statutes and regulations associated with new drills, injection wells, abandoned wells, idle wells; well stimulation applications (SB4) and inspection requirements; and the underground injection control (UIC) and aquifer exemption application processes. The course also describes relationship between the EPA, Water Board, Kern County and DOGGR during the permitting and project review processes.

The cost of the course will be $990 for SPE members and $1,200 for non SPE members. (SPE annual membership is $110). Registration is required by 30th April, but registration is encouraged sooner as this is expected to be a popular course.

Course registration link: Online Payment

SPE membership link: https://www.spe.org/join/

Class time will be 8 am to 5pm. Lunch will be provided. Registration starts at 7:45 am
For additional information, please contact Gwyn Mali (gwynmali@yahoo.co.uk).

Regards,

SJV SPE Continuing Education

**Instructor:**
Dr. John Yu is a part-time lecturer at CSUB. He has previously worked for DOGGR and the California State Lands Commission for 20 years. During his time at DOGGR, he was an Associate Oil & Gas engineer for permit approval, UIC and aquifer exemption review, and served as a trainer in several technical applications. Prior to working with regulators, he worked with as a petroleum engineer for 15 years and taught at West Virginia University for an additional 6 years.

**Location:**
The course will be held in Room 355 of Science Building II at CSUB. For access, please use the Camino Media entrance behind Edwards Cinema and park at car parks H or I (fee required). The class is on the third floor of the Science II building which is about 300-400 yards into the campus.
Thermal Reservoir Engineer (Bakersfield, CA)

Job Responsibilities

The Thermal Reservoir Engineer will report to the Director, West Division and serve as an integral member of the West Operations and Production team and will also work closely with the Development Planning and Reservoir Engineering teams. Responsibilities include, but are not limited to the following:

- Lead implementation as well as contribute to development of thermal recovery strategies for Seneca’s San Joaquin Valley heavy oil assets (including Midway Sunset, Lost Hills and Coalinga Fields) in collaboration with Reservoir Engineering, Production Engineering, Facilities, and Operations groups, including:
  - Review and reconcile steam forecasts
  - Recommend and review steam rate testing, allocations, well-pattern level steam rates, distribution system changes and optimization of same
  - Lead the well surveillance process for thermal operations to identify and carry out EOR improvement opportunities
  - Work closely with Production Engineers to ensure that Seneca’s production and thermal recovery plans are implemented with optimal success
  - Actively participate in formulating Division forecasting, development planning and budgeting efforts in collaboration with all stakeholders
  - In collaboration with the Development & Operations Planning group, provide economic data and analysis of Seneca’s capital and LOE projects in the West, including recommendations for changes and optimizations
  - Ensure EOR UIC projects are in compliance with DOGGR regulations
  - Assist with the review of potential acquisitions as they arise
  - Project invoice review, coding, and AFE approval
  - Comply with Seneca’s EHSQ policies, standards and procedures and demonstrate active and regular involvement in EHSQ programs

Job Qualifications

- Bachelor’s Degree in Engineering from an accredited college or university and a minimum of eight (8) years combined production and reservoir engineering experience in onshore thermal recovery options is required.
- Candidates with 12+ years of combined production and reservoir engineering experience in onshore thermal recovery options highly preferred.

To view this posting in its entirety and submit a resume, please visit: careers-srcx.icims.com
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.

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<td>Sentinel Peak Resources</td>
<td>661.332.2604</td>
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<td>661.332.2604</td>
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<td>Continuing Education Co-Chair</td>
<td>Gwyn Mali</td>
<td>Chevron</td>
<td>661-654-7420</td>
<td><a href="mailto:gwynmali@chevron.com">gwynmali@chevron.com</a></td>
</tr>
<tr>
<td>CSUB Student Chapter President</td>
<td>Francisco Torres</td>
<td>CSUB</td>
<td></td>
<td><a href="mailto:franciscotorres129@yahoo.com">franciscotorres129@yahoo.com</a></td>
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We Always Set the Standards for Artificial Lift

THEN WE ALWAYS RAISE THEM

SUMMIT ESP®, a Halliburton service, is consistently ranked #1 in service and #1 in expertise for a number of reasons. Many claim to be responsive, but we actually have the available inventory to beat competitors in equipment delivery/reaction time. Others offer advice, but we continuously collaborate to provide solutions based on our expertise and tailored to your needs. Most mention experience, but we back up hundreds of years of combined ESP/HPS experience with successes in the world’s toughest environments. Let's set new artificial lift standards together. Contact us today.

halliburton.com/summit
27555 Avenue Hopkins, Unit B
Santa Clarita CA 91355
(888) 566-2547
A Note from Guillaume Moog, SJV-SPE Membership Chair

The Society of Petroleum Engineers is not just for engineers! Below is a quick list of some of the benefits a membership offers:

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

It’s time to renew: by keeping your membership, you will still be on our distribution list for networking, newsletters, seminars, training, and have access to helpful information and resources to help you thrive.

But please share the goodness and pass to coworkers who aren’t members yet.

Join/Renew online: www.spe.org/join

Dues for United States are $110/year membership + $20 Entrance fee (Student and recent graduates discounts available)

Former Member? Look at http://www.spe.org/join/reinstate.php

SPE still offers resources for people in transition:

Members in Transition Toolkit: http://www.spe.org/members/transition/

Unemployed people can still renew their SPE membership through the Dues Waiver program. To qualify for a dues waiver, visit (http://www.spe.org/join/options.php):

Keeping your membership will help you get information from the SJV SPE section on future networking opportunities
How to set your email preferences with SPE:

SPE emails come from two sources you want to set correctly in order to control the number of emails you receive.

**Connect.spe.org**

1. Open the following link “https://connect.spe.org/sjv/myprofile/profile/myaccount/my-settings?section=subscriptions”
2. Login using your password.
3. Set your email preferences.

**SPE.org (General email from the community and online publications)**

1. Open the following link “https://www.spe.org/en/preferences/email_preferences”
2. Login using your password.
3. Set your email preferences.
Keep your SPE profile up-to-date:

Keeping your profile up to date is a good way to rip the most benefits from your membership: you can set your communication preferences, stay in touch with the local community, hear about training and even volunteer opportunities.

Access:

Go to spe.org then click ‘My profile’
Link https://www.spe.org/member/access/MyAccount

You can review all the various section from the menu on the left.

Please maintain your preferences and employment information accurate to get the most of your membership.

My Account Home

Demographics
Addresses
Change Password
Contact Information

Education and Employment
Credentials
Education
Employment

Membership and Participation
Add Subscription
Local and Affiliate Sections
Membership Documents
Privacy Settings
SPE Connect
Volunteer Service & Letters
Code of Conduct
Preferences
Communication Preferences
Professional Online Communities
Technical Disciplines
Purchases
Print Receipt
Advertise with us and reach out to hundreds of oil and gas local professionals in Kern County.

Monthly newsletter and website advertisement:

Your advertisement will be placed in the monthly newsletter and our website. [Online Payment Link](#). See the rates next page...

Technical meetings sponsorship:

Your business name will be included in our email blasts, newsletter and a brief introduction before the technical event. [Online Payment Link](#). See the rates next page...

Networking events sponsorship:

Your business name will be included in our email blasts and the newsletter. You also have the chance to advertise your business in the networking event.
Advertising Order Form for the Monthly Newsletter
San Joaquin Valley Section of Society of Petroleum Engineers SJV Section of SPE
PO BOX 21135, Bakersfield, CA 93390 sjv.spe.org Taxpayer ID# 75-2001539

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Payment Link

Lena Wang, Newsletter Editor Guang.Wang@crc.com