San Joaquin Valley (SJV) Section of SPE, established January 12, 1954. Western North America Region. 2018 Section membership is 510. Retained 83.21%. Growth was -6.93%. 2018 Student membership 30.

SJV jurisdiction covers counties of Fresno, Kern, Kings, and Tulare; and the post office addresses of Cuyama and New Cuyama.

This SJV SPE Section had an excellent year for the following reasons:

1) Technical Knowledge Dissemination - General Section Meetings were high quality meetings that were well attended, dealing with challenging topics faced by local section members. There were 9 (counting DL speakers) meetings averaging 50 people in attendance. Had three distinguished lecturers covering topics of interest and application to both new and experienced SPE members. Had active Surface and Subsurface Study Group Meetings. These meetings were well attended by young professionals meeting a local need for a forum for questions / discussions. There were 4 meetings, averaging 40 people in attendance.

2) Training Courses - had a very successful year in providing practical and useful courses for local professionals. There were 14 courses offered and well attended. This raised money for scholarship funds.

3) Member Benefits - provided opportunities for leadership, recognition for service, nominated local members for WRM Awards.

3) Reaching Out - had consistent email blast of high-quality newsletters, scholarships candidates and awarded, as well as service in community such as toys for tots, golf tournament fund raiser, free advertising for charitable causes.

4) Innovation - working on net meeting of general section meeting.

Section operations begin in July and end in June following year. SJV SPE Board selection process is as follows:

An open call for nominations is made to section members in March and April using SJV SPE Newsletter.

Nomination Committee share with the membership a list of candidates for each office. Each candidate has one page listing their background, why they want to serve, included in May’s Newsletter. Votes are emailed in by end of May with SPE membership number.

The board members will be selected by a majority vote of members by May 31st. Roster is communicated to SPE membership in June’s newsletter.

Every three years, board officers are up for election (typically rotated positions).
Transition records and training occur as follows:
In June, there is a board meeting with their spouses at country club where both the outgoing and incoming officers meet. Awards and thank you cards are provided to the officers for their service.

In the month of June and July, transition records and training are done by the individual officers.

Officers for 2018-2019:

<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>Tom Hampton</td>
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<td>661.332.2604</td>
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<tr>
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<tr>
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<tr>
<td>Community Outreach</td>
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<td>Education</td>
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<tr>
<td>Award Nominations</td>
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<td>Continuing Education Co-Chair</td>
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<tr>
<td>CSUB Student Chapter President</td>
<td>Francisco Torres</td>
<td>CSUB</td>
<td></td>
<td><a href="mailto:franciscotorres125@yahoo.com">franciscotorres125@yahoo.com</a></td>
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</table>
An Integrated Workflow Approach to Manage Steamflood Operations by Jeff Jones, E&B

September 13, 2018
Technical Activities


“Impact Resistant (IR) Cage for Pump Efficiency Enhancement” 9/26/2018

Left: Simon Shin, Black Gold, guest speaker
Right: Linda Mohammad, Aera Energy, SJV SPE Subsurface Co-Chair

18 People in Attendance.

Using Downhole Fiber Optic Temperature Sensing Technology to Monitor, Control and Improve Well Performance Oct 22, 2018

Ding Zhu, Professor Texas A&M
Tom Hampton, SPR
General Section Meeting Chair

35 people in attendance
Technical Activities

Optimization of Well Placement in Waterfloods with Geologic Uncertainty, 11/8/2019

Tom Hampton, SPR General Section Meeting Chair

Guest Speaker: Cenk Temizel, Aera

Chemical EOR in Heavy Oil: An Underexplored Potential, 1/17/2019

Tom Hampton, SPR General Section Meeting Chair

Eric Delamaide, EOR Alliance, Canada

30 People in Attendance
Technical Activities

What is Automation? What Can It Do for Me? Is it Worth the Investment? 2/12/2019

Rod Guice, CRC, Surface Study Group
Bob Summers, CRC Automation
Well Attended Meeting

Rod Pump Optimization and Design for Shallow Thermal Fields: Challenges and Best Practices, by John G. Svinos, founder of Rodstar, 2/18/2019

Gwynn Mali, Chevron, SJV SPE Continuing Education
Tom Hampton, SPR General Section Meeting Chair

50 People in Attendance
Field Surveillance and AI based Steam Allocation Optimization Workflow for Mature Brownfield Steam Floods, Dr. Jim Erdle, VP CMG

2/21/2019

Dr. Jim Erdle, VP CMG

Tom Hampton
SPR, SPE SJV Chair

Rod Guice, CRC, & Usama Sultan, Berry, volunteering at the door

Petroleum Club, Good food, Networking

Dr. Jim Erdle, VP CMG
The Exceptional Price Performance of Oil—Explanations and Prospects, by Roberto F. Aguilera, Research Fellow with Curtin University, Australia

3/5/2019

SPE Distinguished Lecturer
Dr. Roberto F. Aguilera

Dr. Roberto F. Aguilera donated book to SJV SPE – will donate to CSUB Library
How to Leverage Failure Reduction for Rod Pumping Equipment: Case Study Review in Thermal Heavy Oil Field, by Rady De Werff, Harbison-Fischer, and Apergy Company

3/13/2019

Agile-Scrum for Facility Design Project Management by Ivan Sljivar 4/18/2019
Technical Activities

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
Community Outreach

General Section Meeting 6/21/2018
Aimee Blaine, Area Guest Speaker
Scholarship Presentation

Tarang Lal, Aera, SJV SPE Community Outreach
Amy Blaine, VP Aera
Scholarship Recipients

Kern County Career Expo 2/28/2019
SJV SPE Booth

Left to Right
Erik Renteria, Aera Energy, Alejandro Aguilar, CSUB, Tarang Lal, Aera, SPE Community Outreach Chair. Others that volunteered by not in picture, Jenny Garrido, Aera Energy, and Tom Hampton, SPR

SJV SPE handing out applications for SJV SPE Scholarships
Community Outreach

Networking Bash – Toys for Tots

Free advertising for Pyles BBQ

2019 Pyles BBQ Corporate Sponsorship Form
Saturday, May 11th, 2019
Pyles Boys Camp Kern River Picnic Grounds Delicious BBQ Tri-Tip served from Noon to 5:00

SJV SPE Chair of Board, Tom Hampton, SPR, passing along DL Speaker Roberto Aguilera’s donation of his book, The Price of Oil to SJV SPE Student Chapter President Michael Davalos,

SJV SPE Board – Donating $1,000 to CSUB Core Repository, Larry
Community Outreach

SPE & SJGS Golf Tournament 5/24/19

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
Networking bashes were held at Lengthwise and 1933 Speakeasy. These events are always well attended with a turn-out of approximately 30 to 35 people. Black Gold Pumps, Capstone Partners, Summit ESP, Halliburton and Tendeka were some of the sponsors this year.
Training / Professional Development

Machine Learning Techniques for Engineering and Characterization 5/2018
By Dr. Siddharth Misra, University of Oklahoma

Practical Rod Pump Optimization 2/25-28/2019
By Mr. John Svinos, 36 years’ experience, founder of Theta Oilfield Services, E8 LLC, inventor of Rodstar, Xrod
Training / Professional Development

Machine Learning Techniques for Engineering and Characterization 5/7-8/2019
By Dr. Siddharth Misra, University of Oklahoma

Understanding Well Integrity Over the Full Life Cycle with Simon Sparke 5/6/2019
Five SJV members received regional awards for their accomplishments at the 4/2018 WRM! The following were recipients of the regional awards: Robert Gales (Regional Formation Evaluation Award, CRC), Scott Hoffman (Regional Projects, Facilities and Construction Award, CRC), Stephen Bartz (Regional Production and Operations Award, CRC), and Aditya Varma (Regional Management and Information Award, CRC), Hyun Kim, CRC, Regional Service Award.