Register Today & Don’t Forget to Invite a Colleague

An extra 45 minutes can provide a world of knowledge. Enhance your knowledge and grow professionally. Hear industry leaders speak on topics in their area of expertise. Be sure to invite your colleagues and section members to attend this exceptional lecture.

Topic:  Borehole Seismic for Reservoir Characterization,
What do we gain from listening in the well

Speaker:  J. Andres Chavarria, VP Seismic Data Analysis @ SR2020

Date:  Thursday April 19th, 2012 @ 11:30 AM

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

Cost:  With online payment or RSVP: $20 members, $25 non-members, Walk-ins: $25 members, $30 non-members

Reservation:  RSVP by Tuesday morning April 17th, using one of three options:

Use the corresponding link below to pay online using your Visa, MasterCard, American Express, Discover, or PayPal account:

PayPal Link for SPE Members - $20
PayPal Link for Non-Members - $25

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

Members
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=WYQFHXD5ERBJY

Non Members
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=DP7GBASQE92VU

Email:  Max_Solanki@Oxy.com
Call 661-412-5194

Walk-ins and attendees with email/phone RSVP must pay by cash or check at the door. Sorry, no credit cards accepted at the door. RSVP no shows may be billed.
The San Joaquin Valley Section SPE General Section Meeting (cont’d)

Borehole Seismic for Reservoir Characterization

What do we gain from listening in the well

J. Andres Chavarria—VP Seismic Data Analysis
@ SR2020

ABSTRACT:

Seismic recordings inside wells have been an industry standard for more than thirty years. Vertical Seismic Profiling (VSP) has been a critical aspect of time-depth conversion of surface acquired seismic data with which more optimized reservoir management plans can be designed. More recently, with the availability of long-array, multiple receiver tools, the use of VSP has expanded to the realm of 3D imaging, where the borehole data can provide high definition seismic volumes detailing characteristics of reservoirs with thinner beds, complex faulting, or non-uniform distribution of secondary recovery fluids such as steam, CO2, or water. These high definition imaging tools are increasingly employed in effective reservoir management projects—allowing precision wells to be drilled while increasing production and field recovery with the minimum number of wells.

In unconventional reservoirs, detailed velocity models from borehole seismic data are critical for accurately positioning events during micro seismic fracture monitoring. In addition, these borehole sensors, positioned deep in monitoring wells where it is a very low noise environment, are sensitive to very small perturbations in the reservoir. These sensitive sensors record the multiple microseism events generated by hydraulic fracturing operations that are then mapped to the reservoir in order to fully understand the volumes affected by the injection.

In this talk we present several applications of borehole seismic projects including high definition 3D imaging, micro seismic monitoring and time-lapse analysis of stimulated reservoirs.

SPEAKER:

J. Andres Chavarria is currently the VP of Seismic Data Analysis at SR2020. His areas of expertise include borehole seismic acquisition, processing and interpretation. He previously worked at Conoco on seismic inversion and at Vialogy on weak signal detection. He is actively involved in the development of techniques for analysis of borehole seismic data including high resolution 3D imaging and micro seismic monitoring. He has a Geophysical Engineering degree from UNAM and a PhD degree on Geophysics/Seismology from Duke University.
March 24th, Saturday 2012, the day the world stood still. It was a day where the sun shined brightly before a rainstorm, and many SPE families were reunited with their loved ones, when the Western Regional Meeting and the SPE Annual Golf Tournament were finally, successfully completed. I think there were a lot of committee members like myself that didn’t even bother to get out of bed until 6:30am that glorious day! Later in this newsletter, Andrei has given us an excellent recap of the event, so I will leave all the details to his report, but I have to give a personal thank you to both Andrei and Young, not just for all the hard work and efforts in organizing such a successful event, but for how professional and courteous they treated all the committee members in stressful times throughout the planning stages.

Like any successful event, you always gain “lessons learned” that can help make the next event even better, and we received a lot of positive feedback that will be taken to heart to help make our next WRM even better. Ideas on how to increase and expand exhibitor traffic, timing of events, location and timing of ice breaker, and social events were just a few of the ideas we received from attendees. We are compiling all of these “lessons learned” in hopes that the next committee organizing the next WRM will benefit from these. I thank all of those attendees that brought to my attention their ideas for improvement, and will respond in kind by making sure those ideas are passed onto the next committee.

Onto a bit of SPE business; confusion on deadline date for scholarship applications. The last newsletter, we gave conflicting due dates of April 30th and May 15th. For the benefit of all, and the confusion we have created, we are extending the deadline to the latest date of May 15th. So be sure to have all of your applications submitted by May 15th. We are in need of speakers for our General Section Meetings each month, so please contact Max if you are able to present something to your fellow SJV SPE members. And last but not the least, we will have nomination forms out next newsletter for 2012-13 SJV SPE Board members, so please give serious consideration to joining our board and giving a little of your time to help us continue making the SJV section the “Best on the West”.

Until Next Month,

Larry Miller – 2011-12 SJV SPE Chairman
2012 Western Regional Meeting – The Story

Something old, something new, something borrowed and something blue, 100 year operations, tight shales, smart fields and the Pacific Ocean

The Western North America Region consists of 6 SPE sections and covers the west coast from California to Alaska. Since its inception, the region has a long standing tradition of holding annual conferences covering themes such as thermal recovery, waterflooding and off-shore operations. This year the Western Regional Meeting was hosted by the San Joaquin Valley SPE section, in beautiful Bakersfield, California. The meeting experienced great attendance attracting just short of 500 technical professionals and 200 exhibitors manning 55 exhibitor booths. With the theme "Something old, something new, something borrowed and something blue, 100 year operations, tight shales, smart fields and the Pacific Ocean," the conference offered something for everyone.

The morning technical sessions opened with two separate plenary sessions in which the leaders from major production and service companies discussed the “Competitive Challenges & Opportunities in California.” The Wednesday panel consisted of Gaurdie Banister, President and CEO, Aera Energy LLC, Mike Handren, Operations Manager, PXP; Shawn Kerns, President & General Manager, Occidental of Elk Hills, and Bruce Johnson, Vice President SJVBU, Chevron. Mr. Banister addressed the topic of “Unlocking organization capability” highlighting three key critical components “People, Processes and Technology” and the need to merge the three into a workable solution stating, “Integration is key”. On a similar topic, “Organization Capability”, Mr. Handren discussed the concepts of “Institutional Memory” and “Departing Knowledge” and how to capture and retain these within a small organization. Mr. Kerns, in his talk “Role of Technology in Addressing Future Challenges” focused on emerging technologies, and addressed the paradigm shift, innovation and new collaboration workflows. The final panelist, Mr. Johnson, discussed the topic “High Margin Heavy Oil”. He focused on the use of technology, workflow optimization and continuous improvement to reduce costs.

The Thursday plenary session was attended by Ed Eberhard, Pacific General Area Manager, Weatherford International, Rick Pierucci, West Coast Director of Strategic, Integration, Baker Hughes, James Melrose, Sales Manager, Halliburton, Stuart Heisler, Principal, Engineering Manager, TJ Cross
Mr. Eberhard opened up the session and discussed “Organization Capability” focusing on three building blocks: people development, processes and procedures, and continuity. The “Cost Management” topic was addressed by Mr. Pierucci who discussed the supply, demand and synergistic efforts. Mr Melrose focused on Technology Challenges in regards to developing talent, environmental stewardship and bridging the gap. On a similar topic Mr. Heisler followed up with Technology and Regulatory Issues from the prospective of facility engineering. He discussed new technologies such as new water softening, biomass cogeneration and solar steam generation. The panel concluded with Mr. Hall’s presentation on “The Role of Technology”. He reminded us the early technology in California and contrasted challenges in unconventional plays such as shales. His analogy of technology breakthrough with the “The Great Horse-Manure Crisis of 1894 in New York” was probably the most entertaining point of the panel. Both sessions were highly attended, with more than 200 participants on Wednesday and 150 on Thursday.

The technical program included a total of 78 technical presentations over two and a half days. Two points worth mentioning; it was the first time at a Western Regional Meeting that the technical program offered three simultaneous sessions and, most important, all the presenters showed-up allowing a gap free program between talks. This was only possible through the addition of the two domains “something new”- Shales, and “something borrowed” – Smart Fields and Artificial Intelligence.

While I did not have a chance to attend every presentation, I would like to provide my thoughts on what I personally observed and heard from trust worthy professionals. In the area of Smart Field and Artificial Intelligence, the topics of interest were surrogate models, applications of neural networks, intelligence screening tools and as well as the review of the “State-of-Art Artificial Intelligence and Predictive Analytics in the E&P” which was a presentation reviewing the results of a poll conducted across the entire SPE organization on the topic. Unconventional Reservoirs topic which included, Shales and Diatomite, and addressed operating challenges, reservoir models and hydraulic fracturing, featured great papers authored by major operators and service companies as well as academia. Subjects of high interest were discussed in presentations such “Novel Approaches in Completing Unconventional Wells”, “Production Performance of the Multiple Fractured Horizontal Wells” to name a few. The ‘something old – heavy oil operation and Waterflooding, played a key role in the conference with great papers on steamflooding and zonal water injection allocation and sweep efficiency. Each session, both morning and afternoon were very attended by more than 100 participants.
Conference highlights include the Welcome Luncheon where the keynote speaker, Tim Kusic, State Oil and Gas Supervisor of California Division of Oil, Gas & Geothermal Resources, shared the Division’s history, greatest accomplishments, and future challenges. Mr. Kusic’s talk included a perfect blend of seriousness, practicality and humor with an attendance of 185 professionals. It is worth mentioning that the audience congratulated Mr. Kusic and the DOGGR California office for the very well organized system and the existence of electronic/scanned well files, as opposed to DOGGR offices in other states. In closing Mr. Kusic emphasized the role of the DOGGR in California and invited any interested applicants to join the office.

The Award Luncheon’s keynote speaker was 2012 SPEI President Ganesh Thakur, who talked about the “World of Opportunities – SPE”. The presentation looked at both SPE today and its plans in the future. The talk was attended by 125 professionals and was followed by a lively session of questions, answers and comments addressing SPE’s current challenges. On the topic of unconventional reservoirs, shales and the much publicized hydraulic fracturing topic Dr. Thakur mentioned the existence of a “White Paper” published by SPE on hydraulic fracturing [http://www.spe.org industry/docs/HFsummitwhitepaper.pdf](http://www.spe.org/industry/docs/HFsummitwhitepaper.pdf) as an example of bringing awareness and educating the citizens and the world on the technology. The Awards Luncheon concluded with the presentation of the awards. I am again proud to inform everyone that 5 out of the 9 categories were awarded to members of the SJV SPE section. Those awards went to:

- Dale Julander – Formation Evaluation Award – Chevron Corporation
- Ray Clanton – Production and Operation Award – Oxy Elk Hills
- Ron Behrens – Reservoir Description and Dynamics Award – Chevron Corporation
- Geordie Chambers – Outstanding Young Professional Award – Chevron Corporations
- WZI, Inc – Distinguished Corporate Support Award
The conference also included a strong selection of training courses focusing on guiding professionals in solving California’s complex challenges. The leaders of tomorrow, represented by Stanford University, University of Southern California, Berkeley and University of Alaska Fairbanks, competed in the student paper contest hosted by University of Southern California. The two sessions, Master/Undergraduate and PhD Divisions, brought together 7 and 3 contestants respectively. The student paper contest dinner awards ceremony was attended by numerous faculties as well as the 2012 SPEI President Ganesh Thakur, who presented the Awards to the top ranked students.

The 2012 Western Regional Meeting also included an attractive lineup of entertainment and networking opportunities. The high light of the conference was the presentation of “spOILed The Movie” at historic Fox Theater in Downtown Bakersfield. The feature attracted more than 200 professionals and Director Mark Mathis entertained numerous questions and a spirited dialog after the presentation. The other events included a tour of several great Paso Robles wineries and the SJV SPE Annual golf tournament, which signed-up more than 230 players in two morning and afternoon flights.

A few comments received after the meeting;

“Having been involved in all the Bakersfield sessions I can say this one was far and above the most successful on many years….unqualified success!”
Jeff Jones, E&B Production

“This was my 4th Western Meeting. This meeting was the best one I’ve ever attended. From quality of the papers to every single details of the organization including the food and the trouble-free registration, everything was perfect.”
Dr. Omer Izgec, Chevron

“I highly enjoyed the conference and your hospitality. It was a great conference!!”
Dr. Ganesh Thakur, SPEI President
In closing, I would like to say I have learned a lot of things during my time as Co-Chair. The most important one is to surround yourself with the best and the brightest people you know. I would like to acknowledge everyone who assisted in making the 2012 WRM a successful event with additional gratitude to the 2012 Committee.

The 2012 Western Regional Meeting was the place to be!

This is how its done!

Andrei Popa
2012 Western Regional Meeting Photo Gallery
2012 Western Regional Meeting
Photo Gallery
2012 Western Regional Meeting
Photo Gallery

Society of Petroleum Engineers
Western Regional Meeting
Social Hour Refreshments
Sponsored by Chevron

KERN GREEN
Building A More Sustainable Future

SJVC SPE News
2012 Western Regional Meeting
Photo Gallery
Membership update as of March 31st

SJV Welcomes Our New Members (19):

- Ms. Nilufer Atalay   Chevron Corporation
- Mr. Joseph Chevalier  ExxonMobil Production Co.
- Donald J Code Jr   Occidental Oil & Gas Corporation
- Mr. Clay T. Davis   Taylor Teter Partnership
- Ms. Kriti Dhaubhadel   Occidental of Elk Hills
- Mr. Rodrigo Javier Diaz Caviedes   Chevron Corp.
- Mr. Travis Erskine   Baker Hughes Oilfield Opns
- Laura Freeman   Vintage Production, Occidental Petroleum
- Mr. Jaime Alberto Hecht Tapia   Processes Unlimited International, Inc (ProU)
- Mr. Bart Hegarty   Chevron Corporation
- Mr. Stuart M Heisler   T.J. Cross Engineers Inc.
- Phil Jordan   Schlumberger Trinidad Inc.
- Aleida Marquez   Schlumberger
- Mr James McCall   Aera Energy LLC
- Dr. Ian Moxon   BP Amoco PLC
- Mr. Justin D Nabors   Schlumberger Oilfield Services
- Mrs. Maria C Rodriguez   Aera Energy LLC
- Mr. Alan Spydell   Schlumberger Well Services
- Mr. John Woodman   3 Phases Renewables

Membership News:

Please encourage folks to update their profile by going to www.spe.org.
Please encourage folks to pay past dues and upcoming dues for 2012.
2012 College Scholarship Program

The San Joaquin Valley (SJV) chapter of the Society of Petroleum Engineers is offering a college scholarship program for Fall 2012. The Scholarship is co-funded by SJV member activities, Division of Oil & Gas and Geothermal Resources, SPE headquarters, and private funding.

To access the complete application and to download it, go to:

http://connect.spe.org/SJV/AboutUs/Scholarships/

Submittal deadline is May 15th, 2012.

Scholarships will be awarded to graduating high school seniors & undergraduate-level college students. Winners will receive approximately $1000 to $2000 depending on academic achievement and overall strength of the applicant pool.

To be eligible an applicant must be:

A Student pursuing a degree in a petroleum-related field (any branch of engineering, environmental or earth sciences) and,

Either

The application form is available on the SJV SPE website:

A California resident (or a non-resident if the child of a current San Joaquin Valley SPE member)

Or

A non-resident with petroleum industry work experience in California, including summer internships & Comet program internships

For more information, please contact:

Ark Zhumadilov, Scholarship Director, (661) 654-7243

Or via email: azhumadilov@chevron.com
SPE - SJV SECTION SCHOLARSHIP SELECTION CRITERIA

OBJECTIVE

To provide a merit award to offset educational expenses for engineering, environmental or geology/earth science students, who after graduation are interested in entering the petroleum industry, and becoming a member of the Society of Petroleum Engineers.

GUIDELINES

The recipient must be a full-time student (12 or more credit hours) at an accredited college or university in an engineering, environmental sciences or earth sciences field of study. Applicants must be current residents of California, or a child of a current Society of Petroleum Engineers - San Joaquin Valley Section member. However, an applicant from another state who has petroleum-related work experience in the state of California through full, part-time, or summer employment is also eligible. When selecting recipients strong consideration is given to the following:

- Demonstrated commitment to entering the petroleum industry through declared industry-related majors or work experience
- Essay responses
- GPA
- Extracurricular activities

Financial need is not being considered.

Scholarships will be considered for applicants from undergraduate class levels of college study (and graduating high school seniors).

Due to the limited number of scholarships available, they will not be automatically renewed. Former SJV SPE scholarship recipients are free to reapply each year but will not be given preferential status.

The most outstanding high school senior declaring petroleum engineering major will be aided in submitting an additional application to compete for the SPE National Headquarters “Gus Archie Memorial Scholarship”. This program funds an entering college freshman student through 4 years of petroleum engineering undergraduate studies at $5000 per year.

RETURN APPLICATIONS WITH OFFICIAL TRANSCRIPTS TO:

Ark Zhumadilov
SPE - SJV Section Scholarship Director
Chevron Corporation
9525 Camino Media, C2013
Bakersfield, CA 93311
SPE Surface Study Group Lunch

IMPROVED FILTRATION AND ION EXCHANGE PROCESSES FOR PRODUCED WATER SAN JOAQUIN HEAVY OIL PRODUCTION

Date & Time: May 9th, 2012 @ 11.30 am
Venue: Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker: Michael Dejak, Executive Vice President, Eco-Tec Inc.

RSVP via e-mail to attila.aksehirli@chevron.com
Or reserve via PayPal:

Members ($20)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=9AMHMXK7C2QQG

Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=T2X3KLSBV8UZ4

Abstract

Treatment of produced water for disposal, water flooding, or as feed to once through steam generators has been practiced in the San Joaquin Valley for decades. Experience with traditional (nutshell) filters and ion exchange systems have identified opportunities for improvements of these processes in terms of CAPEX, OPEX, operability, and safety. This presentation will describe advanced filtration and ion exchange technologies that have been introduced into the area in recent years and have generated interest among producers. Some of the performance features included the ability to provide finer filtration of solids, and the ability to reduce salt consumption (and waste) in ion exchange softening – and eliminate the use of acid and caustic for regenerating weak acid cations exchangers to produce low hardness water from high TDS and high hardness produced. The presentation will describe the technologies and provide operating experiences of a number of local installations.

Biography

Mike Dejak is Executive Vice President of Eco-Tec Inc. and is based in Pickering, Ontario Canada. He has been with the company for 37 years in the areas technology development, design, sales, and service of industrial filtration and ion exchange systems.

Mike has a Bachelors Degree in Chemical Engineering from the University of Toronto and is a registered Professional Engineer in the Province of Ontario. Throughout his career he has been involved in global responsibilities as the company has developed, designed, built, sold, and serviced its water purification and chemical recovery products in more than 50 countries around the world to a wide range of industrial clients.

He and his wife Angela have five daughters and two grandchildren and enjoy traveling.
SPE Sub-Surface Study Group Lunch

Weatherford SandAid™ Sand Conglomeration

Date:       Wednesday, April 11, 2012, 11:30am
Venue:     Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker:   Ron Van Petegem, Product Line Manager, Weatherford

RSVP via e-mail to bmmiron@aeraenergy.com

Or reserve via PayPal:

Members ($20)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=7FKP2RKKXRSNN

Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=W74BE6W9ASHVY

Abstract

SandAid™ is primarily a chemical means to increase the Maximum Sand Free Rate (MSFR) and a way to eliminate or significantly reduce fines migration. It has also shown to reduce water cut in some wells. It is not an absolute Sand Control solution such as a Gravel Pack, Frac pack or Expandable screen but will create an ionic attraction between the sand and fines grains and modifies the relative permeability of the formation. It will leave the formation in a water wet state. It can significantly enhance the performance of Gravel Packs and Frac Packs as well as Stand Alone screen applications. A SandAid treatment is a matrix treatment that that will agglomerate sand grains/fines. It works by modifying the Zeta Potential of the anionic particles. By modifying the Zeta potential to a value between 0 and -20 mV an ionic attraction is created. Because SandAid will work on any anionic substrate it will also modify the Zeta Potential of most fines and as such it can reduce or stop fines migration and prevent near well bore damage caused by fines. This in turn should allow better contribution from the complete interval and as such can increase the PI and/or reduce relative drawdown pressures.

One of the major features of SandAid is that when the formation stresses change due to reservoir depletion or otherwise; SandAid™ can adapt to these changing reservoir conditions and will re-agglomerate. The reason for this behavior is that SandAid is not a bonding agent or a glue type substance such as a resin but creates an ionic attraction. The ionic attraction allows for the particles to have relative movement and adapt to stress changes or even re-agglomerate if a particle or particles becomes dislodged. Weatherford is positioning this product as a remedial type Sand Control solution and as a way to enhance other Sand Control solutions as well as an alternative for Resin based sand consolidation treatments.
PD457
B31.3 Process Piping Materials Fabrication, Examination & Testing

A comprehensive, supplemental course to PD014: ASME B31.3 Process Piping, this two day course is designed to illustrate the relationship of the Fabrication & Examination rules of the B31.3 Code to the Design and Materials rules. Examples of problems that occur as a result of not understanding the relationship of the ASME code to design rules and materials selection are featured. The primary goal of this course is to provide insight into the rules relating to the ASME B31.3 Fabrication and Examination code.

You Will Learn
- Materials selection and limitations
- Fabrication rules and their bases
- Relationship between B31.3 design and the fabrication & examination requirements
- Welding qualification requirements
- Inspection, examination, and testing requirements

Who Should Attend
Piping engineers and designers, fabricators and erectors, QA/QC personnel, engineers and maintenance personnel who desire a more in depth understanding of the Fabrication and Examination rules of the B31.3 Code covering process plant piping systems.

Instructor
Philip D. Flenner, P.E., is a senior welding consultant and founding member of Flenner Engineering Services, LLC. He has over 30 years of experience in welding qualifications and training, engineering training, power plant repair methods, quality control and performance assessment, nuclear dry fuel storage, and codes and standards.

He is a member of the ASME B31 Code for Pressure Piping Main Committee, the B31.1 Power Piping Section Committee, and the ASME Section IX Committee on Welding and Brazing Qualifications as well as other national codes and standards committees.

Cost and Venue
The price for this class is $1,000 and it is to be held at the University of Phoenix on May 22nd and May 23rd, 2012 from 8:00 am to 5:00 pm. Lunch is not included in the price. However, there will be a lunch break and the students are free to go for lunch at location of their choosing. A mid- morning and mid-afternoon snack plus coffee and soft drinks will be provided.

PayPal Link for registration:
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=KBKLSQ36U6LH4

Please call Terry L. Kloth @ 661- 321-4469 (office); 661- 858 -9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.
Reservoir Aspects of Horizontal and Multilateral Wells

Instructor: Sada Joshi

Date: May 2 (8:00 am to 5:00 pm)
Location: University of Phoenix, 4900 California Ave, Bakersfield, California.

Announcement:
SJVSPE is proudly offering Reservoir Aspects of Horizontal and Multilateral Wells. This 1-day course includes discussion on the practical issues and reservoir parameters of horizontal well projects. This course is for reservoir, production, drilling, and completion engineers, managers, and other personnel who are interested in learning about selecting reservoirs for horizontal wells and understanding production performance of horizontal wells. It is also a great opportunity to network with others drilling and completing horizontal and multilateral wells. 0.8 CEUs (Continuing Education Units) awarded for this 1-day course.

Questions:
Please call Terry L. Kloth @ 661-321-4469 (office); 661-858-9631 (mobile) or e-mail TLKB@pge.com if you have questions or need additional information.

Payment & Cost:
Payment can be made by check at the door on the first day of class (RSVP in advance by e-mail) or register & pay with a credit card via the SPE link (below). The price of this course is $750. A morning and afternoon snack and cold and hot drinks are included. Please note lunch is not included in this price. For more details, please contact us at trainingcourses@spe.org.

RSVP & SPE Payment Link: http://www.spe.org/training/courses/RHM.php

Target Audience:
This course is for reservoir, production, drilling, and completion engineers, managers, and other personnel who are interested in learning about selecting reservoirs for horizontal wells and understanding production performance of horizontal wells.

Description:
This 1-day course includes discussion on the practical issues and reservoir parameters of horizontal well projects. The topics include formation damage, drainage areas, well spacing, well reserves, and rate calculations using steady-state and pseudo steady-state methods. The course includes several field case histories and performance analysis of horizontal wells. Topics include:
• Drilling methods and costs
• Well spacing and drainage areas
• Recovery factors and steady-state solutions
• Case histories: coning applications
• Fractured horizontal wells
• Forecasting production

Instructor:
Sada Joshi is president and CEO of Joshi Technologies International. He has more than 30 years of experience in horizontal wells and has been advisor to more than 200 field projects around the world. He has written many technical papers and the book, Horizontal Well Technology.

Joshi served as a Distinguished Lecturer for SPE (1995–1996) and was named as “One of the 100 Most Influential People of the Petroleum Century” by Hart Publications in 2000. In 2003, Joshi was named as a Distinguished Alumnus by his alma mater, IIT Bombay, India. He earned his PhD in mechanical engineering from Iowa State University in 1978.
Announcing the SPE SJV Section Monthly Networking Bash

The April Sponsor is SPOC Automation Inc.

Thursday, April 26th, 2012
5:30-7:30 @
Lengthwise Brewery Back Patio
6720 Schirra Court

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. Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

Non-member guests are always welcome to attend.

RSVP to Tara Butler @ tbutler@enovaes.com or 661-319-4022
The SPE SJV Section would like to thank PXP for sponsoring our March Monthly Networking Bash!

SPE Networking bashes are held monthly as a service to our members and are great opportunities to come out and meet people from all areas of our industry in a social setting.

Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a long time colleague.

We are always looking for companies or individuals that would like to sponsor this event.

For additional information please contact Tara Butler @ tbutler@enovaes.com or 661-319-4022.

WTI & California Midway Sunset Oil Price ($/bbl)
To All of our Generous Sponsors in 2012,

On behalf of the Society of Petroleum Engineers, the golf committee wishes to thank you again for your valued sponsorship of our tournament held on March 23rd, 2012. This year we were able to raise close to $16,000 for our scholarship program. This was a significant contribution to the $50,000 total we will be giving out to local college students in June from our community, who will be our future in the oil industry. Without your participation, this would not be possible.

Thank You for Your Sponsorship,

The 2012 SPE Golf Committee

The SPE Golf Committee thanks all of our PLATINUM Sponsors
2012 SPE Golf Tournament
Sponsorship Appreciation

The SPE Thanks all of our Gold and Silver Sponsors

- Mi SWACO
- KINGS Chemical Service Inc.
- COURTYARD Marriott
- Residence Inn Marriott
- SPRINGHILL Suites Marriott
- Champion Technologies™
- NATIONAL OILWELL VARCO
- PacSeis, Inc.
- enova
- Cenergy
- Kenaj DRILLING
- Maranatha Petroleum, Inc.
- Baker Hughes
- PROS Incorporated
- • PREMIER
  • EQUIPMENT
  • RENTALS INC.
- Processes Unlimited
March 12, 2012

SPE ANNUAL GOLF TOURNAMENT
MEMORIAL DAY WEEKEND
FRIDAY, MAY 25, 2012

Dear Fellow Golfers:

On Friday, May 25, 2012, the Society of Petroleum Engineers will host the annual SPE Golf Tournament at the Monarch Dunes Golf Club.

This year’s event includes an 11am tee time, gourmet box lunches, and 4pm BBQ/Raffle extravaganza. Access to the putting green and driving range are available for those choosing to show up even earlier. Companies or individuals that would like to advertise through giveaway items such as golf balls, tees, drink coolers, and sunscreen, etc. are welcome. We also have some great sponsorship opportunities for those looking to support the tournament and fundraising effort.

As you know, this tournament is a fundraiser to benefit the Santa Maria Area School Districts. This event allows us to send teachers to the Derricks to Desks seminar in Bakersfield for the purpose of educating the next generation of informed energy consumers and decision-makers.

To make things easier, we have added an online registration form for your convenience. If interested, please go to www.cannoncorp.us and visit our Energy page.

Thank you for your participation and start practicing your game!

Very truly yours,

[Signature]

John S. Crews, PE
Chairman of Golf Committee, SPE Santa Maria Section
Director, Energy Division
Cannon

JSC/dm

Monarch Dunes is a tribute to the origins and tradition of golf. If you didn’t make it last year you are in for a treat. Three national golf publications have named this course one of the best in the west. Golf Magazine has named it one of the 10 "Best New Golf Courses in the Country." Fairways & Greens Magazine named it the "Best New Course in California." And Golf Inc. magazine called it the "Best Development of the Year of a Public Golf Course."
March 12, 2012

Dear Potential Sponsor,

We are proud to announce the Annual Society of Petroleum Engineers (SPE) Golf Tournament Fundraiser to be held Friday, May 25, 2012 at the Monarch Dunes Golf Club. As with the previous years, we expect the tournament to be a smashing success uniting members and friends for a day of sport and camaraderie. This year the event will be held at Monarch Dunes Golf Club again as a fundraiser to benefit the Santa Maria area school districts.

A great deal of the success of these events can be attributed to the contributions of tournament sponsors. We are inviting your company to sponsor this event through four levels of sponsorship:

- **Platinum ($1000)**
  As a Platinum sponsor your company logo will be presented in our PowerPoint slideshow during dinner along with being included in our press releases, on our website and a hole sponsor sign.

- **Gold ($500)**
  A Gold sponsor allows you to be the raffle sponsor and your company logo will be in our PowerPoint presentation during dinner along with a hole sponsor sign.

- **Silver ($200)**
  As a Silver sponsor you are the beverage sponsor and your company logo will also be in a PowerPoint presentation during dinner along with a hole sponsor sign.

- **Bronze / hole sponsorship ($100)**
  Our Bronze sponsors will be our hole sponsors with a custom sign placed at a select hole.

In addition, companies or individuals that would like to advertise through giveaway donations such as golf balls, tees, drink coolers, and sunscreen, etc. are welcome. Please let us know and we will make arrangements.

All Sponsors must confirm their logos and information no latter than May 10th to be included in advertisements and sponsor signage.

This tournament promises to be a premier event with high participation. Your generosity will be visibly acknowledged and announced at the awards and raffle event following the tournament.

If you’re interested in sponsoring, please call Donna Martin at 805-544-7407, ext 4562. You may also email Donna if you prefer at: Donnam@cannoncorp.us.

We sincerely appreciate your support,

John Crews, PE
Chairman of Golf Committee, SPE Santa Maria Section
Director, Energy Division
Cannon
JC/dm
**ANNUAL SPE GOLF TOURNAMENT FUNDRAISER**

**FRIDAY, MAY 25, 2012**
**MEMORIAL DAY WEEKEND**
**11:00 A.M. TEXAS SCRAMBLE SHOTGUN START**

**MONARCH DUNES GOLF COURSE**
1606 TRILOGY PARKWAY NIPOMO CA 93444 805-343-9459
www.monarchdunes.com

**REGISTRATION AND PAYMENT BY FRIDAY, MAY 14, 2012**

<table>
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<tr>
<th>TEAM</th>
<th>HANDICAP</th>
<th>BOX LUNCH, GOLF &amp; DINNER $140</th>
<th>BOX LUNCH &amp; GOLF $110</th>
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*IN ADDITION, I WOULD LIKE TO BE A: (CHECK ONE)*

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<tr>
<th>Sponsorship Level</th>
<th>Description</th>
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<tr>
<td><strong>PLATINUM SPONSOR</strong></td>
<td>COMPANY LOGO IN POWERPOINT PRESENTATION, LOGO INCLUDED IN OUR PRESS RELEASES AND ON OUR WEBSITE ALONG WITH A HOLE SPONSORSHIP</td>
<td>$1,000</td>
</tr>
<tr>
<td><strong>GOLD SPONSOR</strong></td>
<td>RAFFLE SPONSOR – COMPANY LOGO IN OUR POWERPOINT PRESENTATION AND A HOLE SPONSORSHIP</td>
<td>$500</td>
</tr>
<tr>
<td><strong>SILVER SPONSOR</strong></td>
<td>BEVERAGE SPONSOR – COMPANY LOGO IN OUR POWERPOINT PRESENTATION AND A HOLE SPONSORSHIP</td>
<td>$200</td>
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<tr>
<td><strong>BRONZE SPONSOR</strong></td>
<td>HOLE SPONSOR - CUSTOM SIGN PLACED AT SELECT HOLE</td>
<td>$100</td>
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**TOTAL DUE** $_____

**PLEASE MAKE CHECKS PAYABLE TO SPE; MAIL YOUR CHECK & REGISTRATION FORM TO DONNA MARTIN @ CANNON**

**YOUR INFORMATION:**

| Company: | |
| Contact Name: | |
| Contact Phone Number: | |
| Contact Email: | |

**FOR EVENT INFORMATION REGISTRATION AND PAYMENT DETAILS CONTACT:**

Donna Martin
Phone: 805-544-7407, ext. 4562
Fax: 805-503-4470
1050 Southwood Dr., San Luis Obispo, CA 93401

**THIS FORM IS AVAILABLE ONLINE:** www.cannoncorp.us and visit our Energy page.
At Chevron, you’ll join a team with the technology to take on big challenges, the integrity to do it responsibly, and the drive to keep the world moving forward. Are you up to the job?

Chevron is hiring experienced production and reservoir engineers.
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Thermal Oil Recovery Short Course

APRIL 23-25, 2012
OUR 34TH YEAR

PRACTICAL 3-DAY COURSE / EXPERIENCED INSTRUCTORS / USEFUL PC PROGRAMS

COURSE DESCRIPTION

This 3-day thermal recovery course is designed to provide an understanding of heat and fluid flow in heavy oil reservoirs, prediction of thermal performance, and a review of field experience. Special attention is paid to current technologies such as operation of mature steamfloods, horizontal well applications, SAGD, VAPEX, etc.

The course is designed for reservoir and production engineers but will also be useful for geologists, technicians and managers working in heavy oil production.

Easy-to-use PC programs and spreadsheets are provided to help the participants understand thermal processes and make engineering predictions.

TEXTS
Attendees will receive a comprehensive revised manual.

COMPUTER PROGRAMS

IBM PC programs in Visual Basic and Excel worksheets are provided to estimate steam zone development, heat loss, cyclic steaming performance, pressure drop in steam lines, steamflood performance, SAGD calculations, etc.

INSTRUCTORS

Farouq Ali has taught similar short courses to over 7000 industry participants during the past 48 years. He specializes in thermal recovery and simulation. Farouq Ali has written three books and over 500 technical papers on these subjects. He has designed more than 40 oil recovery projects in various countries. Among many awards, he received the 1997 SPE Thermal Recovery Pioneer, 2007 SPE Anthony F. Lucas, 2002 SPE Improved Recovery Pioneer and 1996 SPE Lester C. Uren awards. He is a member of the U.S. National Academy of Engineering.

Jeff Jones is Vice President, Reservoir Engineering with E & B Resources, in Bakersfield, and has over 40 years’ experience in all facets of thermal recovery engineering. Jeff has worked on steamflood, cyclic steaming, and in situ combustion projects, and has experience with reservoir, production, and facilities engineering. An accomplished programmer, he has published many technical papers and holds a number of U.S. patents on thermal recovery related devices. Among many awards he received the 2004 SPE Thermal Recovery Pioneer and 2010 SPE Improved Recovery Pioneer awards.

LOCATION
Four Points Sheraton, Inn, 5101 California Ave., Bakersfield, CA

REGISTRATION
Registration Fee is $3,000
Call (780) 461-2944
Fax (780) 461-8494
e-mail: farouq@telusplanet.net
Reach for the top with the 2012 CIM Conference & Exhibition

Visez le sommet avec le congrès & salon commercial 2012 de l’ICM

From May 6 to 9, the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) brings its highly acclaimed conference and exhibition to Edmonton, Alberta, Canada. This high-level event attracts experts from around the world to explore business management practices, environmental responsibility, innovative technology and many other mining-related topics.

Visit www.cim.org/edmonton2012 for more details on this exciting event and its leading-edge technical program.

Register today.

The business of mining happens at CIM.

May 6 to 9, 2012 • 6 au 9 mai 2012
Shaw Conference Centre
Edmonton, Alberta
www.cim.org/edmonton2012
Advertising Order Form for the monthly newsletter of the
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

Company Information:
Company: ____________________________
Address: ____________________________
City, State, Zip: ______________________
Business Phone: ______________________
Fax: ______________________
Contact Name: ______________________
Date of Request: ______________________

Monthly Advertising Rates: (circle one)

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Advertising Order Form:

Ad Size: ____________________________
One Month Cost: _____________________
# Months Run: _______________________
TOTAL Due: _________________________
Start Date: _________________________
Paid in Full: ________             
Payment Due: ________

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:

Neil Malpiede, SJV SPE
5001 California Ave., Suite 120
Bakersfield, CA 93309

or e-mail to NeilM@CannonCorp.us

SUPPORT THE SJV SPE NEWSLETTER BY PURCHASING ADVERTISING SPACE
MONTHLY NEWSLETTER DISTRIBUTED TO SAN JOAQUIN VALLEY & SANTA MARIA SECTIONS
MEMBERS FREE OF CHARGE. PDF POSTED TO WEBSITE AT MONTH’S END.
Rates start at only $25/month.
E-mail the SJV SPE Newsletter Editor for more info at NeilM@CannonCorp.us.
Have You Renewed Your SPE Membership?

Membership Renewals are Due NOW!

Go to: www.spe.org/renew

Log in to renew online or print an invoice to mail or fax to SPE

SPE dues waiver policy (up to two years if unemployed with a written request)
To Join SPE
Go to the Link:
http://www.spe.org/join/qualify.php
# SJV SPE Board of Directors 2011-2012

<table>
<thead>
<tr>
<th>POSITION</th>
<th>NAME</th>
<th>COMPANY</th>
<th>PHONE</th>
<th>E-MAIL</th>
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</thead>
<tbody>
<tr>
<td>Section Chair</td>
<td>Larry Miller</td>
<td>Halliburton</td>
<td>(661) 391-5387</td>
<td><a href="mailto:Larry.Miller@Halliburton.com">Larry.Miller@Halliburton.com</a></td>
</tr>
<tr>
<td>Program</td>
<td>Max Solanki</td>
<td>Oxy of Elk Hills Inc.</td>
<td>(661) 412-5194</td>
<td><a href="mailto:Max_Solanki@Oxy.com">Max_Solanki@Oxy.com</a></td>
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<tr>
<td>Membership</td>
<td>Andrei Popa</td>
<td>Chevron Corporation</td>
<td>(661) 654-7187</td>
<td><a href="mailto:Andreipopa@Chevron.com">Andreipopa@Chevron.com</a></td>
</tr>
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<td>Secretary</td>
<td>Jesse Frederick</td>
<td>WZI Inc.</td>
<td>(661) 326-1112</td>
<td><a href="mailto:jfrdrck@wziinc.com">jfrdrck@wziinc.com</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Cynthia Yuen Lynch</td>
<td>Chevron Corporation</td>
<td>(661) 654-7020</td>
<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@Chevron.com</a></td>
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<tr>
<td>Surface Study Group</td>
<td>Attila Aksehirli</td>
<td>Chevron Corporation</td>
<td></td>
<td><a href="mailto:Attila.Aksehirli@Chevron.com">Attila.Aksehirli@Chevron.com</a></td>
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<tr>
<td>Sub-Surface Study Group</td>
<td>Blythe Miron</td>
<td>Aera Energy LLC</td>
<td></td>
<td><a href="mailto:BM_Miron@aeraenergy.com">BM_Miron@aeraenergy.com</a></td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Neil Malpiede</td>
<td>Cannon</td>
<td>(661) 809-0139</td>
<td><a href="mailto:NeilM@cannonCorp.us">NeilM@cannonCorp.us</a></td>
</tr>
<tr>
<td>Website Administrator</td>
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<tr>
<td>Continuing Education Program</td>
<td>Terry Kloth</td>
<td>PG&amp;E &amp; Zodiac Exploration Inc.</td>
<td>(661) 858-9631</td>
<td><a href="mailto:TLKB@pge.com">TLKB@pge.com</a></td>
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<td>Continuing Education Arrangements</td>
<td>Geordie Chambers</td>
<td>Chevron Corporation</td>
<td>(661) 654-7395</td>
<td><a href="mailto:ggchamber@Chevron.com">ggchamber@Chevron.com</a></td>
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<td>Activities</td>
<td>Tara Butler</td>
<td>Enova Solutions</td>
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<td><a href="mailto:Tbutler@enovaes.com">Tbutler@enovaes.com</a></td>
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<tr>
<td>Community Outreach Education</td>
<td>Ark Zhumadilov</td>
<td>Chevron</td>
<td>(661) 654-7243</td>
<td><a href="mailto:AZCD@Chevron.com">AZCD@Chevron.com</a></td>
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<tr>
<td>Young Professionals Liaison</td>
<td>Keith Kostelnik</td>
<td>Vintage Production Calif.</td>
<td>(661) 412-5580</td>
<td><a href="mailto:Keith_Kostelnik@oxy.com">Keith_Kostelnik@oxy.com</a></td>
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<tr>
<td>Award Nominations</td>
<td>Scott Myers</td>
<td>Baker Hughes</td>
<td>(661) 328-6111</td>
<td><a href="mailto:Scott.Myers2@BakerHughes.com">Scott.Myers2@BakerHughes.com</a></td>
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<tr>
<td>Western NA Regional Director</td>
<td>Dr. Sam Sarem</td>
<td>Improved Petroleum Recovery Consultants</td>
<td>(714) 692-1198</td>
<td><a href="mailto:sam4iprc@aol.com">sam4iprc@aol.com</a></td>
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