September 15th General Section Meeting

**Topic:** Practical Approach to Solving Wellbore Instability Problems

**Speaker:** Samuel O. Osisanya, Ph.D.; P.E. The University of Oklahoma

**Date:** Thursday September 15th, 2011 @ 11:30 AM

**Location:** The Petroleum Club, 2nd Floor OR 12th 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 September 13th,
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
copy these links below in your browser’s address box

**Members**
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=A2RKAZ8GX6C7G

**Non Members**
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=A6Q4LAREWQECG

**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.
Abstract:

Wellbore instability is recognized when the wellbore diameter does not stay the same as the diameter of the bit that drilled it. Maintenance of a stable wellbore is of primary importance while drilling. Non-productive time associated with wellbore instability translates to massive well costs. There are three main interrelated mechanisms that can cause wellbore instability: mechanical, rock-drilling fluid interaction, and man-made (poor drilling practices). One or more of these mechanisms may contribute to an unstable borehole depending on the type of formation and the geologic area being drilled.

Mechanical wellbore instability is basically a contest between the strength of the in-situ rock and the stresses induced on it while it is being drilled. Key parameters causing mechanical instability are orientation and magnitude of in-situ stresses, rock strength and properties, and drilling practices. Most of the rock-drilling fluid interaction leading to wellbore instability takes place in the shale layers. Shales make up over 75% of drilled formations and caused over 90% of wellbore instability problems. Shale acts as a leaky membrane which allows for the generation of osmotic pressure difference between the water in the shale and the drilling fluid. Shale formations are capable of absorbing water from oil-based mud (OBM) as well as from water-based mud (WBM). The man-made factors that cause wellbore instability include inadequate mud pressure, poor hole cleaning, drilling string vibration and surge/swab pressures. The presentation will discuss the causes and prevention/mitigation of these mechanisms.

There are various wellbore instability ongoing research works. These include the development and understanding of rock mechanics models, improvement and visualization through real-time monitoring, and development of synthetic water-based mud (WBM) to match the shale stabilizing characteristics and high-temperature stability of a non-aqueous fluid.

One idea I would like members to take away from the lecture: Mitigation/prevention of wellbore instability involves excellent well planning, real-time monitoring as well as sound drilling practices.

Biography:

Samuel O. Osisanya is an Associate Professor at the Mewbourne School of Petroleum and Geological Engineering at the Univ. of Oklahoma in Norman, Oklahoma, for 18 years where he teaches well construction technology.

He holds BS (First Class) from Univ. of Ibadan, Nigeria, MS and Ph.D. from the UT Austin all in Petroleum Engineering. He has authored and co-authored more than 84 technical papers and supervised more than 55 graduate students. He was a recipient of the prestigious NSF Faculty CAREER award in 1995. Selected in 2000 as NSF ambassador to middle schools in Oklahoma during NSF 50th Anniversary celebration.

He has served on several SPE drilling and completion committees. He has been a review panelist for the NSF-GRFP for the last 5 years. He had experience with Gulf, Shell-BP and Mobil. He has taught in-house short courses for majors including ExxonMobil, NNPC, Saudi Aramco, PDVSA, Ecopetrol, and Schlumberger all over the world. Voted the 1994, 2002, and 2004 outstanding PE professor of the year at OU and selected as the 2006-2007 Most Inspiring Faculty of the student athletes at OU. He was recognized by NExT-Schlumberger in May 2008 and April 2010 as outstanding virtual faculty instructor.
Are we having fun yet? With all of the activity going on now, it is sometimes easy to feel overwhelmed. Our responsibilities at work seem to climb, our hours we put into the company seem to increase, and our priorities sometimes tend to shift. We focus at work on making sure that we are operating safely and professionally, on completing the task at hand, but do we always do the same in our personal lives?

The Oil Community in Bakersfield is big. There are a lot of good professional societies available to all of us, with excellent programs and plenty of activities to participate in. Between the many golf tournaments, shooting events, networking events, and other organized activities, it can be daunting and even confusing on selecting and scheduling what events you want to participate in. Finding that right balance between our private lives and professional lives can be tough, and if we do not find that right mix, the consequences to our families can be great.

From all of my experiences in the SPE and other organizations, I would have to say that the best experience I ever had, and the most “balanced” between private and professional lives was attending a SPE conference out of state with my wife. It was a great opportunity for us to share a relatively new experience in a foreign city, mingle with fellow professionals, meet new people, and overall, have a great time.

That same opportunity is now here for all of you. The 2011 Annual Technical Conference and Exhibition (ATCE) being held Oct. 30 – Nov. 2nd in Denver Colorado at the Colorado Convention Center. There are not many towns that can beat Denver, and I don’t believe there are many folks that would complain about a trip there. Give it some serious consideration, as I am sure neither you, nor your partner would be disappointed.

Thank You,

Larry Miller – 2011-12 SJV SPE Chairman
Call for Papers

Professionals from the industry are encouraged to submit their paper proposals to the 2012 SPE Western Regional Meeting. Submit a Paper Proposal Link (NOTE: You will need to Login First)

Submission deadline is 19 September!

Submission Topics

Smart Fields and Artificial Intelligence (AIPA)
- Smart field/Integrated fields/integrated operations
- Smart wells, SCADA, etc
- AI technologies and optimization
- AI modeling TDR SM

Shale and Diatomite Development
- Shale reservoir characterization
- Shale drilling, completion and Frac’ing
- Modeling and reservoir engineering
- Tight plays: Monterey (diatomite, fractured siliceous rocks), Bakken

Thermal Recovery and Operations
- Steamflooding and cyclic steam technology and operations
- SAGD
- Combustion

California and Alaska’s Fields—Case History
- Mature waterflood management
- Locating by-passed oil
- Waste disposal
- CO₂ capture and storage
- Social responsibility, health, air, and water quality, and GHG emissions

Submission deadline is 19 September!

Submit Proposal

Using the online submission system. Note: You will need to Login First!
About ATCE

Since its first conference 87 years ago, the Society of Petroleum Engineers’ Annual Technical Conference and Exhibition (ATCE) has attracted more than a half million of the E&P industry’s greatest minds from more than 50 countries around the world.

Technical sessions, presented concurrently with an exhibition, focus on all phases of oil and gas exploration and production. Special events allow E&P professionals to network with colleagues from around the world and celebrate key successes in the industry.

Top 5 Reasons to Attend ATCE 2011

ATCE 2011 is one of the best ways that you can gain technical knowledge and make valuable contacts, while saving on consulting and research costs. Here is why you should attend.

- 400+ peer-selected technical papers covering current applications and future technologies
- 300+ exhibiting companies showcasing the latest technologies, new product launches, and valuable industry services
- Numerous networking events
- Student and young professional activities
- Pre- and post-show training courses

ATCE also offers the opportunity for SPE volunteers to share best practices for their committees and sections.

Learn more! Browse the ATCE 2011 technical program and exhibitor list.

Connect with SPE

SPE provides multiple ways for you to keep up with important ATCE news:

Follow us on Twitter
Sign-up for email updates

Join us on Facebook for updates on ATCE and other SPE products and services.
LETTERS FROM OUR 2010-2011 SCHOLARSHIP RECIPIENTS

To Whom it may concern,

Thank you very much for contributing to me this scholarship. You will help me further my academic pursuits without the added stress of monetary necessities. Thank you once again.

Sincerely,

[Signature]

August 13, 2011

Dear Mr. Popa and SPE,

Thank you very much for awarding me one of your generous scholarships this year. I will be starting my second year at Berkeley this fall, and as tuition continues to rise, your support is a huge helping hand and is greatly appreciated. Thank you for helping me to continue my engineering education.

Sincerely,

[Signature]

[Name]
Young Professionals Dinner Meeting

Val Lerma, P.E. - Orchard Petroleum Inc.

Practical Finance for the Oil and Gas Industry

The topic is based on a book entitled, The Essentials of Finance and Accounting for Nonfinancial Managers, written by Edward Fields. The book is based on an AMA (American Management Assoc) course that is taught regularly by AMA in San Francisco. The discussion will cover a corporate perspective of finance, rather than the project perspective most engineers consider in their daily work. Statement of Cash Flows, Key Financial Ratios, and Methods to Analyze Business Profitability will all be topics of discussion.

Wednesday, September 21st, 2011 at 6PM
12th floor of the Petroleum Club
5060 California Ave

Please bring your friends, spouses and co-workers and join us for a Social hour, Petroleum Club Dinner, and a brief presentation by Val Lerma.

The first 15 to show will receive a FREE COPY of The Essentials of Finance and Accounting for Nonfinancial Managers

RSVP by Tuesday, September 19th: $25 per person (Click Below)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=EZ6QBSCAEDFXU

Walk-ins are welcome (if space is available) - $30 (SPE Members), $35 (Non-Members) (Cash/Check at door)
Event Contact: Jessica Houser 805-290-0154 jhouser@opical.com
**SPE Surface Study Group Lunch**

**Tapered-Bean Steam Chokes Revisited**

**Date:** Wednesday, September 14, 11:30 am  
**Venue:** Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield  
**Speaker:** Faisal Latif, Staff Production/Operations Engineer, Vintage Production California LLC

RSVP via e-mail to: Attila.Aksehirli@chevron.com

Or reserve via PayPal:

Members ($20)  
[https://www.paypal.com/cgi-bin/webscr?cmd=_sxclick&hosted_button_id=KRD76TK8AE7LU](https://www.paypal.com/cgi-bin/webscr?cmd=_sxclick&hosted_button_id=KRD76TK8AE7LU)

Non-Members ($25)  

**Abstract:**

Controlling and monitoring flow rates at continuous and cyclic steam injection wells are important elements of reservoir heat management. For nearly 30 years, critical flow chokes have proven to be the most reliable and cost-effective means of controlling steam injection into heavy oil reservoirs. Flow control efficiency has been further improved with tapered-bore bean inserts to achieve critical flow with only 10% to 15% pressure loss across the choke.

For the past 10 years, the standard steam choke assembly has consisted of a 1-inch outer diameter (O.D.) by 6-inch long bean with 6° tapered-bore inserted in a 2-inch O.D. cage nipple or housing. Larger diameter cage nipples and bean inserts have been required for steam injection rates exceeding 500 b/d. More recently, a cost-cutting practice has been employed using shorter tapered-beans inserted in standard choke assemblies.

This paper presents the results of field tests conducted to evaluate the effectiveness of shorter tapered-bean length for controlling steam injection rates. Transition from subcritical to critical flow and overall pressure loss for different tapered-bean lengths are presented. A modified Thornhill-Craver flow rate equation is provided for critical and subcritical flow regions. Calculated and measured rates are compared and their relative uncertainties are assessed.

**Biography:**

Faisal Latif graduated in 2003 with a B.S. in Electrical Engineering from The University of Kansas. He is currently a Staff Production/Operations Engineer at Vintage Production California LLC working in the Thermal Reservoir Management Team. Prior to joining VPC in March 2009, he worked as a Staff Operations Engineer with Occidental of Elk Hills. Faisal also worked at Schlumberger as a Senior Field Engineer, responsible for real-time geophysical data acquisition for both Open hole and Cased hole operations.
SPE Subsurface Study Group Lunch

New Wireless Fluid Level Sensor Optimizes Well Performance

Date: Wednesday, 10/12/11, 11:30am
Venue: Petroleum Club (12th Floor) at 5060 California Ave. in Bakersfield
Speaker: Charlie Webb, Technology Advisor, Chevron

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=KRD76TK8AE7LU

Non-Members ($25)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=642UXA2J565CJ

Abstract

A new fluid level sensor has been developed that uses time domain reflectometry to reliably and accurately measure fluid levels in oil and gas wells (to within +/- one foot). This precision allows the sensor to control rod pumps, PCPs, and ESPs in real-time, and it has been used equally well in both vertical and horizontal wells. The sensor also has the ability to accurately and continuously measure gross liquid production rate from rod-pumped wells (to within +/- 10%).

The sensor does not require electronics downhole. Instead, it utilizes the production tubing to convey a low power electronic pulse into the wellbore. When the pulse travels down the tubing and hits the fluid level, it is reflected back to surface, whereupon the signal is translated by surface electronics into a fluid level measurement. Because the pulse travels at 80% of the speed of light, multiple pulses per second are possible, thus making the measurement essentially continuous.

This presentation discusses the results of several field trials in the San Joaquin Valley. The future potential benefits for reservoir management will also be presented.

Biography

Charlie Webb is a Technology Advisor with Chevron’s North America Exploration and Production Company in Bakersfield, California. He has 30 years of experience with the company, mostly in the San Joaquin Valley, and has worked a variety of assignments, including production engineer, facilities engineer, and operations supervisor. He graduated from Fresno State in 1981 with a Bachelor of Science degree in mechanical engineering.
SPE SJV Continuing Education

The SJV Section of SPE is pleased to offer the following courses for your consideration:

**ASME B31.3 Process Piping Design**

SJV SPE is considering presenting ASME B31.3 Process Piping Design later this year. We would like to determine how many students wish to attend this course either in October or November. If interested in attending, please contact Terry L. Kloth by phone @ 661-321-4469 or 661-858-9631 or by e-mail at TLKB@pge.com. Thanks!

**Electrical Engineering Practices for Facilities Engineers**

(E-4 for Petrol Skills)

This is a possible course offering to occur in the 3rd or 4th quarter of this year. It is a five day class designed for facilities engineers, project engineers, managers, and production engineers who also have facilities responsibilities in the oil and gas industry. The cost for this course is expected to be between $2600 - $3600 depending on the number of students who sign up. Thanks!

If interested, please contact Terry L. Kloth @ 661-321-4469 or by e-mail at tlkb@pge.com.

**DESIGNED FOR** Facilities and Project Engineers with two or more years of experience; Electrical, Instrumentation or Controls Engineers with two or more years of experience, or those who have completed the E-3 course and need to further develop their understanding of electrical systems within oil and gas facilities.

**YOU WILL LEARN**

- Key principles in project management for electrical projects including basics, front end loading, scope definition, brown-field vs. green-field, engineering deliverables, roles and responsibilities, project planning, risk analysis and management, cost estimating, and procurement, construction, contractor and supplier management
- Standards and recommended practices through an introduction to ANSI, API, CSA, CFR, IEC, IEEE, IES, ISA, NEMA, NFPA, AND UL
- Electrical distribution systems including background, planning, voltage selection, and system protection
- How to select, maintain and control DC and AC motors
- The characteristics, properties, insulation, shielding, jacketing, short circuit capabilities, and references of wires and cables
- Transformers which include operation, models, types, components, turns and voltage ratios, connections, losses, efficiency, ratings, application, selection, and safety
- Medium and low voltage switchgear and motor control centers including specifications, maintenance, and distribution
- Topics in faults and circuit protection including sensing devices, fuses, direct tripping devices, protective relaying, relaying schemes, major equipment protection, and system relay coordination
- Distribution, construction, fuses, circuit breakers, disconnects, grounding, types, and ratings of switchboards and panels
Electrical Engineering Practices for Facilities Engineers
(E-4 for Petrol Skills) - continued

- The systems and requirements of uninterruptible power supply (UPS) and emergency power in addition to an overview of generator set, ATSs, and batteries
- Fault protection, system grounding philosophy, ungrounded systems, grounded systems, bonding, ignition sources, bonding techniques, separately derived systems, performance, and substation grounding
- About North American and International classifications of hazardous areas in addition to NEC and IEC comparisons, extension of zones, equipment certification, and equipment protection methods

ABOUT THE COURSE
This course applies Electrical Engineering principles to oil and gas facilities design and operation and requires some prior experience. Electrical Engineering principles are reinforced through the use of individual and team problem solving exercises, one-line diagram coordination, interpretation, and class discussions of interfaces between facilities engineers, contractors and maintenance personnel. Participants gain additional understanding of electrical equipment requirements for facilities and what is important to the Electrical discipline.

COURSE CONTENT
- Electrical project management
- Standards and recommended practices
- Distribution systems
- Motors
- Wire and cable
- Transformers
- Switchgear
- Motor control centers
- Switchboards and panels
- Electrical faults (short circuits) and circuit protection
- UPS and emergency power
- Electrical system ground and bonding
- Hazardous area classification
"FUNDAMENTALS OF RESERVOIR SIMULATION"

Instructor: Dr. Grant E. Robertson, Consultant

Details: 1 day, November 29th, $750 per student

Target Audience: Those who have had little or no exposure to this technology and need a "quick start" on the learning curve. New college hires will especially benefit.

Dr. Robertson is a recognized expert in the field of Reservoir Simulation and is an instructor for both SPE and Petro -Skills. The class is a one-day class and will be held at the University of Phoenix, Bakersfield Campus on November 29, 2011. The class will begin at 8:00 am and continue to 4:30 -5:00 pm. The cost for this course is $750 per student. The price includes class book, morning snack, and afternoon snack. This price does not include lunch. Payment can be made by check at the door or by credit card using the Pay - Pal link listed below. To register please respond by e-mail to Terry L. Kloth @ TLKB@pge.com or call at 661-321-4469 should you have questions or need additional information. Thanks, Terry

PayPal Link: https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=KCN8AX848ELSS

Purpose:

The purpose of this seminar is to introduce in overview fashion the fundamental concepts and elements of reservoir simulation. Those who want to get an overview of this technology should attend. There will be no equations used in this course, and the material will be taught from a physical perspective. After attending, persons new to this area will understand the basics such as why and how a model is built, the sources of data, how wells are modeled, and what a company is looking for from a reservoir simulation study. The various phases (from model building through prediction) and types (single-well; sector; full-field) of models will be discussed. This is not intended to be a hands-on course. This will be very fast-paced for those who want to have an overview prior to getting involved in a more in-depth way.

Biography:

Dr. Grant Robertson is an Instructor for PetroSkills-OGCI and does petroleum engineering consulting in Houston, Texas. He has worked in the oil and gas industry since 1974 for Chevron, British Petroleum, Ryder Scott and Anadarko in California, Saudi Arabia and Texas. He has held various high-level technical and management positions. His work has been very diversified covering oil and gas reservoirs, onshore and offshore properties, primary, secondary and tertiary operations, and reservoir exploration and development projects. His responsibilities have been in reservoir engineering and reservoir simulation, but he has also done production engineering and exploratory well testing. Dr. Robertson has published technical papers in refereed journals and has written many internal publications.
Outline (Fundamentals of Res. Sim.):

INTRODUCTION
When to Use Reservoir Simulation
“Use and Misuse” of Reservoir Simulation

THE ELEMENTS OF A RESERVOIR SIMULATION MODEL
Reservoir Model (the container)
Fluid Model
Rock Model
Well Model
Production Model
Process

TYPES OF RESERVOIR SIMULATORS
Black Oil
Compositional
Thermal
Single/Dual Porosity
Other

COORDINATE GEOMETRIES AND MODEL TYPES
Cartesian
Corner-Point
Radial
Other
Single-well, Sector and Full-field Models

RESERVOIR SIMULATOR FEATURES
Aquifer Models
IMPES & Fully Implicit Solution Methods
Linear Solvers
Time Step Selection

WELL MODELING OVERVIEW
Vertical and Deviated Wells
Well Productivity Indices
Wellbore Hydraulics
Group Controls
Wellbore Crossflow
Economic Constraints
Workovers
Drilling
Shut-in Logic
Specifying Well Rates and Constraints

BUILDING THE MODEL
Deterministic Models
Stochastic Models (Geostatistics)
Building the Grid
Locating Wells
Production History
Reservoir Equilibration
Saturation Functions

MANAGING THE SIMULATION RUN
Time Step Selection
Solution Controls
Pre-processing Tools
Post-processing Tools
The Type of Information Available from Reservoir Simulation

DEFINING INITIAL CONDITIONS
Pressure and Datum Depth
Oil/Water Contact
Gas/Oil Contact
No Contacts
A Brief Discussion on Gravity/Capillary Equilibrium
Reviewing the Results (Grid Editor/Grid Display)

HISTORY MATCHING
Volumetrics
Saturation Matches
Pressures
Black Oil vs. Compositional Quality

PREDICTION
Predictive Well Management
Group Controls
Facility Modeling
Economics

PROCESS & SPECIALTY MODELS
Waterflooding
CO₂ Floods
WAG Floods
Other Types of Floods

CLOSE
Simulators Used in Industry
Future of Reservoir Simulation

Data Management Considerations
PVT Properties
Porosity/Permeability Transforms
Modeling Consistency along with Pressure
Transient Analysis and Material Balance
Inactive Cells; Barriers and Faults
Regions for Reporting; Fluid Properties; Multiple Fluid Contacts; Saturation Functions
Porosity; Permeabilities; Net-to-Gross Ratios
Shale Reservoirs: Identification, Evaluation, Development and Optimization

Dr. Selim Hannan

Description
This three-day course addresses the role of shale as a new energy source, and deals with geological, geochemical, geophysical, petro physical, drilling, completion, production, optimization and economic evaluation of shale reservoir development. It also addresses why shale can be gas prone or oil prone or both. The course sheds light on the current status of our knowledge of shale reservoir development and discusses the technologies that are better suited to exploit hydrocarbons from shale reservoirs. The course also conducts a discussion of shale plays of USA, and the knowledge gained from producing shale reservoirs in USA and how technology transfer may ensue internationally. The course will have an interactive format.

CEUs
2.4 CEUs (Continuing Education Units) for this 3-day course.

Cancellation Policy
A fee equal to 25% of the course fee will be charged for cancellation less than 15 working days before the course begins. No refunds will be made for cancellations after the course begins.
For more details, please contact us at trainingcourses@spe.org.

Register
Use the following link: http://www.spe.org/training/courses/SHR.php.

Instructor
Dr. Selim Hannan is a diversified professional engineer with over twenty four years experience of working in the petroleum industry in heavy oil, conventional shallow and deep oil and gas, tight gas, oil shale, shale oil and shale gas projects. Beyond USA his work experience spans internationally in countries of former Soviet Union, Canada, North Africa and Mexico. His key competencies are in reservoir simulation, hydraulic fracturing, well testing and pressure transient analysis, estimation of oil and gas reserves, evaluation of oil and gas properties, well log and petrophysical analysis, workover and stimulation, water flooding, thermal recovery processes, horizontal well technologies, scientific and engineering auditing and teaching & training. Selim worked for multinational energy companies, national and foreign oil companies, service companies, government agencies (federal and provincial/state), consulting companies and educational institutions.
On and off Dr. Hannan has been providing adult and continuing education training since 1988. He is a leading expertise on shale reservoir development. He has provided trainings and workshops on shale reservoir development in USA, Canada and India and has been a speaker on forums and conferences related to shale gas and shale oil development.

Selim holds bachelor and master degrees in petroleum engineering from Moscow Gubkin Oil and Gas University of Russia, doctoral in applied geosciences from University of Toronto of Canada and a MBA from Heriot Watt University of Scotland. He is multilingual.

19–21 October
Bakersfield, California, USA
0900–1730
Members: Before 5 October: USD 1999; After 5 October: USD 2199
Non-Members: Add USD 200
Announcing the SPE SJV Section Monthly Networking Bash

The September Sponsor is Baker Hughes.

Thursday, September 29th, 2011
5:30-7:30 @

Padre Hotel - Prairie Fire Rooftop Patio
1702 18th Street

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
Come watch the LA Dodgers battle it out with the Pittsburgh Pirates at SJV SPE Section’s Members’ Appreciation Event

Sponsored by

Bring the family for a fun day of baseball

Los Angeles Dodgers vs. Pittsburgh Pirates

@ Dodger Stadium
1000 Elysian Park Ave
Dodgertown, CA 90090

Saturday, September 17, 2011

Game Time: TBD

Bus will be leaving 2 1/2 hours before the first pitch

$30/person includes:

Chartered bus from Bakersfield to Dodger Stadium
Reserved seats in the All-You-Can-Eat Pavilion
Delicacies include hot dogs, nachos, popcorn, peanuts, candy, and soda. Alcoholic beverages available for purchase.

Payments will ONLY be accepted online using VISA, MasterCard, AMEX, Discover, or PayPal account. 6 tickets max per person.

To reserve your seat(s), please click on the following link:

SJV SPE Dodgers vs. Pirates - $30

For more info:

Contact Ashley Jorishie @ AshleyJorishie@gmail.com or (918) 606-2416
The SPE SJV Section was the sponsor for our August 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.
To All of our Generous Sponsors in 2011,

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 April 8th, 2011. This year we were able to raise close to $ 21,000 for our scholarship program. This was a significant contribution to the $ 35,000 total we will be giving out to local college students next month 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 2011 SPE Golf Committee

The SPE Thanks all of our PLATINUM Sponsors
2011 Tournament Results

<table>
<thead>
<tr>
<th>Place</th>
<th>Morning Flight Winners</th>
<th>Afternoon Flight Winners</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Gross</td>
<td>61 – Team Mark Delmarter</td>
<td>60 – Team Brian Rangel</td>
</tr>
<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Gross</td>
<td>63 – Team Skip Wallace</td>
<td>62 – Team Larry Murray</td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Gross</td>
<td>65 – Team Scott Wruck</td>
<td>63 – Team Stan Eschner</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Net</td>
<td>52.1 – Team Bill Moseley</td>
<td>53.2 – Team Santos Alvarez</td>
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<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Net</td>
<td>55.5 – Team Jeff Smith</td>
<td>54 – Team Charles McWhorter</td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Net</td>
<td>55.8 – Team Dan Corriea</td>
<td>54.1 – Team Josh Lancaster</td>
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I have the trophies for Morning 1<sup>st</sup> Gross, 2<sup>nd</sup> Net, 3<sup>rd</sup> Net and Afternoon 1<sup>st</sup> Gross and 3<sup>rd</sup> Net. Please contact me at Larry.Miller@Halliburton.com to arrange pick up. Thanks.
ISN’T JUST ANOTHER CONSULTING FIRM!

Are you a Facilities Engineer that thrives on new challenges and enjoys working in a team setting? If so, read on!

WE OFFER an outstanding career opportunity with a culture that provides exciting outlets for team building and professional growth. With offices throughout California we continue to steadily grow.

FOR 35 YEARS we have provided creative solutions to clients in the energy industry, commercial and residential development, water resources, and public infrastructure.

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FACILITIES ENGINEER RESPONSIBILITIES INCLUDE: preparing plans, specifications, calculations, and estimates in connection with the construction or modification of various engineering projects with emphasis on upstream oil and gas production. For a detailed description on job duties and qualifications and skills, visit www.CannonCorp.us and click on “Careers”.

WE OFFER competitive salaries, relocation assistance, and excellent benefits.

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Save Energy and Cut Oil & Gas Well Pulling Costs

Plunger Comparison

API Conventional vs. FARR™ Plunger

Notice how the solids on the Conventional API pump are funneled outward into the gap between the plunger connector and the pump barrel wall. This will cause the API plunger to stick in the barrel and/or shorten its run life.

In comparison, notice how the solids in the "FARR™" pump are channeled inward, keeping solids in solution at all times, thus not letting them between the plunger and barrel wall.

The FARR™ Plunger will stay in the ground 3 to 6 times longer than a Conventional API plunger.

Muth Pump LLC.
Phone: 661-588-8700
Fax: 661-836-1512
Garold Muth cell: 661-333-1297
David Muth cell: 661-805-6520

We are the original open top plunger and can handle any kind of solids. We can pump formation sand, frac sand, scale, iron sulfide, grit, flour sand, and other fines. We named the FARR™ Plunger the "FARR™" because it will far out perform and far out last all others plungers in the industry.

"By FARR™, We Make Your Pumps The Best In The Industry!"
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

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<tr>
<td>Neil Malpiede, SJV SPE</td>
</tr>
<tr>
<td>5001 California Ave., Suite 120</td>
</tr>
<tr>
<td>Bakersfield, CA 93309</td>
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Please check one: [ ] Mr. [ ] Mrs. [ ] Ms. [ ] Dr.

Last Name (Family Name)  First Name (Forename)  Middle Name

Company Name

Preferred Email Address: [ ] This will be your member login and is required for usage of online member services.

Alternate Email Address

**2 QUALIFICATIONS**

Please confirm your qualifications:

- I am employed in work related to the petroleum industry **AND**
- I have at least one of the following:
  - A university degree equivalent to a 4-year bachelor's degree or higher in engineering or basic or applied sciences
  - A 2-year science or engineering degree
  - A 4-year degree in a field other than science or engineering
  - At least 8 years of active practice in the support of petroleum engineering or in the application of science to the petroleum industry

**3 EDUCATION**

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<th>University Name (do not abbreviate)</th>
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Total years of petroleum industry experience  

Professional registration [Not required]  

- [ ] Registered  
- [ ] Charter

**4 CONTACT INFORMATION**

Preferred Address: Mail should be sent to (select one)  

[ ] Company Address  
[ ] Home Address

Section Assignment: You will be automatically assigned to an SPE section on the basis of your preferred mailing address. If you are using a forwarding mail address our pouch mail, please contact service@spe.org to manually assign your section.

**Company Address**

| Street Address 1 |  
| Street Address 2 |  
| Street Address 3 |  

| City | State/Province (if applicable)  

| Country | Zip/Postal Code  

| Phone  
| Country Code | Area/City Code | Number  

| Facsimile  
| Country Code | Area/City Code | Number  

**Home Address**

| Street Address 1 |  
| Street Address 2 |  
| Street Address 3 |  

| City | State/Province (if applicable)  

| Country | Zip/Postal Code  

| Phone  
| Country Code | Area/City Code | Number  

| Facsimile  
| Country Code | Area/City Code | Number  

Updated August 2010
**5 REFERRAL**

How did you first learn of SPE? (select one)
- Colleague
- SPE website
- Direct mail or email from SPE
- University student chapter
- SPE-sponsored event
- Employer
- Other ________________________________

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(select one from each category)
- Primary Technical Discipline
  - Drilling and Completions
  - Health, Safety, Security, Environment, and Social Responsibility
  - Management and Information
  - Production and Operations
  - Projects, Facilities, and Construction
  - Reservoir Description and Dynamics
- Company Category
  - Integrated (Major)
  - National
  - Independent
  - Consultant
  - Government
  - Service/Maintaining
  - Academia
  - Other
- Job Classification
  - Executive
  - Manager
  - Engineer
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  - Student
  - Other

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<td>Category 2 with salary less than USD 800/month</td>
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**MD_AP_8092_010**
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### 2011 - 2012

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<th>NAME</th>
<th>COMPANY</th>
<th>PHONE</th>
<th>E-MAIL</th>
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<tbody>
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<td>Halliburton</td>
<td>(661) 391-5387</td>
<td><a href="mailto:Larry.Miller@Halliburton.com">Larry.Miller@Halliburton.com</a></td>
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<td>Oxy of Elk Hills Inc.</td>
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<td><a href="mailto:Cynthia.Lynch@Chevron.com">Cynthia.Lynch@Chevron.com</a></td>
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<td>Surface Study Group</td>
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<td><a href="mailto:Attila.Aksehirli@Chevron.com">Attila.Aksehirli@Chevron.com</a></td>
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<tr>
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<td>Cannon</td>
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<td><a href="mailto:NeilM@CannonCorp.us">NeilM@CannonCorp.us</a></td>
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<tr>
<td>Website Administrator</td>
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<tr>
<td>Continuing Education Program</td>
<td>Terry Kloth</td>
<td>PG&amp;E</td>
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<td><a href="mailto:TLKB@pge.com">TLKB@pge.com</a></td>
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<td>Baker Hughes</td>
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<td><a href="mailto:Scott.Myers2@BakerHughes.com">Scott.Myers2@BakerHughes.com</a></td>
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<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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