The “Oil Field of the Future” is Here Today

Over the last decade many large companies have been talking about the oilfield of the future; well, “the future” is here. The challenge for the oil industry, and the oilfield of the future, is providing the appropriate data to the right people at the right time with minimal infrastructure. Operators need to understand how their oilfield is performing and make business decisions with a limited number of people. The Internet, Google, Facebook and the cell phone industry have changed how we communicate and share information. Technology over the last decade has revolutionized information sharing in our daily lives; for example, today’s cell phones allow users to easily access maps, the Internet, and share information, where as cell phones ten years ago could only make phone calls. Technology has advanced in such a way that gathering, integrating, and sharing oilfield information is just as easy. Over the last three years, ProGauge Technologies has leveraged information technology from our daily lives to bring the “oilfield of the future” to the present for projects and operators of any size. This presentation shows how information technology from everyday life has been successfully implemented in thermal EOR projects. To demonstrate this technology, ProGauge has partnered with Emerson Process and created a remotely operated flow loop that anyone can easily access and interact with via the internet. The presentation will include a live interaction with this flow loop and example equipment.

Wednesday, July 20, 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 with a complimentary 1st round of Drinks, Petroleum Club Dinner, and a brief presentation by Ramsgate

RSVP by Tuesday, July 19th: $25 per person (Click Below)
https://www.paypal.com/cgi-bin/webscr?cmd=_s-xclick&hosted_button_id=4XZKZA9MN5MV6

*Thank you to Ramsgate for sponsoring the drinks.
Walk-ins are welcome (if space is available) - $30 (SPE Members), $35 (Non-Members) (Cash/Check at door)
We have some mighty big shoes to fill. The term of the 2010-11 SPE Directors and some of our SPE Board members has come to an end, and the success of this last term is going to be hard to match. Holding a record setting golf tournament, engineering week at CSUB, highly attended network bashes, and a thriving Continued Education Course Program are just a few of their accomplishments. But I feel with the incoming directors and newly elected board members, we might achieve some new outstanding accomplishments of our own.

On that note, I wish to acknowledge and welcome our newly elected 2011-14 termed Board members.

Tara Butler  eNova
Ark Zhumadilov  Chevron
Keith Kostelnik  Oxy
Neil Malpiede  Petroleum Consultant
Blythe Miron  Aera
Attila Aksehirli  Chevron

Congratulations to each and every one of you for being elected to the board and accepting this new task ahead of us. Our first board meeting is July 14th, and their assignments will be given then as to their new role on the board. As for our 2011-12 term SPE Directors we have myself as Chair; Max Solanki as Program Chair; Andrei Popa as Membership; Jesse Frederick as Secretary; Cynthia Lynch as Treasurer; Geordie Chambers on Continuing Education Arrangements; Terry Kloth on Continuing Education Program; and Scott Myers on Awards. This group of directors with the returning board members and newly elected board members will form a strong team that will be needed to get us through this challenging year.

Our biggest challenge for the upcoming year is going to be holding a successful 2012 Western Regional Meeting (WRM) here in Bakersfield March 19-23, 2012. My letter next month will address this in more detail, but for now, be thinking about submitting an abstract for a paper for this WRM. This is a great opportunity to get you and your company in the spotlight for your successes, technical developments, and innovations that will pertain to our conference. Details will be coming next month.

Until next month, please be safe in this heat, and remember to “recharge your batteries” with some well deserved vacation time with the family if possible.

Larry Miller
2011-12 SJV SPE Chairman
This year, SJV SPE awarded scholarships to 30 outstanding students, which is an increase of 5 over last year. The philosophy around ranking was awarding $2000 to the top 10 candidates and $1000 to the following 20. The amount of money needed to support the 30 scholarships therefore rose from $35,000 to $40,000. On June 14th of this year, the awardees gathered at The Petroleum Club for the award luncheon which was in conjunction with the General Section Meeting.

Congratulations to our scholarship winners!

- Jordan Lewis
- Tyler Alexander
- Rose Mina Kirkwood
- Amber Rose Nelson
- Ky Woodard
- Elizabeth Sande
- Nancy Kedzierski
- Alyson Hanel
- Julio Martinez
- Grant Taylor Frame
- Nathan Sperling
- Blaine Davanport
- William Alexander Knight
- Charles Knight
- Adegoke Oba

- Grant Warren Paulson
- Stephen Alexander Bowen
- Jacob Frost
- Mara Minner
- Alexander Eden
- Melanie Reise
- Cameron Erwin Califf
- Matthew Lee
- Paul Mateo
- Kevin Matthew Shotts
- Joseph Fredreack Brinkman
- Ethan Frame
- Tyler Fate Woolf
- Rudy Castro
- Sophia Willis
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**

Due to the popularity of the ASME B31.3 Process Piping Design Course, we are considering offering this 4 day course a second time this October or November and possibly making it a 5 day course to include the Process Piping Materials, Fabrication, Examination and Testing. If you are interested in attending, please contact Terry L. Kloth @ 661-321-4469 or by e-mail at tlkb@pge.com with your preferences. 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
Coiled Tubing and Its Application

Instructor: Ed Smalley
Date & Time: Wednesday, August 31, 2011
Location: University of Phoenix
4900 California Ave
Bakersfield, CA
Cost: $690. Morning & afternoon snacks provided. Lunch not provided.

If you are interested in attending this course, please contact Terry L. Kloth @ 661-321-4469, 661-858-9631 or by email @ TLKB@pge.com.

WHO SHOULD ATTEND
Those interested in applying CT technology for workover services, drilling, completions, and production operations and those who need an update on the latest CT technology will benefit from this course. This is an introductory CT course and is appropriate for individuals that are new to the CT industry or anyone that would like to expand their CT knowledge.

COURSE DESCRIPTION
This one-day short course presents coiled tubing (CT) as a tool for workover, drilling, and completion services. It provides an overview of conventional CT workover and completion applications, the properties of CT, its manufacture, the surface equipment utilized for deployment, and subsurface tools for CT applications. A significant portion of the course covers mechanical performance of CT, including working limits, buckling, and fatigue. A discussion of CT drilling technology and hydraulics is also included. This is an introductory CT course and is appropriate for individuals new to the CT industry or those that need a refresher.

TOPICS COVERED
- Introduction
- The Tubing
- Surface Equipment
- CT Unit Configurations
- Downhole Tools
- General Force Balance
- Buckling & Lockup
- Mechanical Limits and Stretch
- CT Fatigue
- CT Hydraulics
- CT Applications
- CT Drilling Technology

INSTRUCTOR
Ed Smalley has more than 25 years of oilfield experience, including assignments in new product development, field operations, sales, and management. His areas of expertise include coiled tubing, formation evaluation, coalbed methane, hydraulic fracturing, and commercialization of emerging technology.

Smalley started his career with Schlumberger where he held various positions of increasing responsibility in sales and operations. He then joined Gas Technology Institute as Director of E&P Business Development. He spearheaded the commercial launch of more than 60 new E&P products during his eleven year assignment at Gas Technology Institute.

Smalley has been with NOV CTES in Conroe, TX, for the past 5 years and serves as General Manager, responsible for the overall management of the organization. NOV CTES is a provider of leading-edge products that support the coiled tubing, wireline, and drilling segments of the industry. Smalley holds a BS Engineering degree from Kansas State University and is a member of SPE, ICoTA, and SPWLA.
Course: Steam Distribution and Metering 3-Day Workshop  
Instructor: Suzanne Castrup, Vice President, Integrated Sciences Group  
Dates: July 26-28, 2011  8:00 AM to 5:00 PM  
Location: University of Phoenix, Bakersfield Training Facility, 4900 California Ave

Course Description: This three-day course includes detailed guidelines for developing a surface steam monitoring program and hands-on training in the use of our SteamTools 2.0 software to analyze data and optimize steam distribution performance. Upon completion of this course, participants will know how to:

1. Develop a surface steam monitoring program to diagnose system performance.
2. Analyze measurement uncertainty and determine its impact on system evaluation and decision making.
3. Clearly identify root causes of poor system performance, evaluate possible corrective methods and determine the most cost-effective solutions.

This course is designed to solve problems relevant to the workplace, so participants are encouraged to bring actual field problems to analyze in class. The course outline can be accessed via www.isgmax.com/SDM_Workshop.htm.

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

Prerequisite: Students must have completed the Steam Distribution & Metering Tutorial prior to this course or have purchased and reviewed a copy of the Tutorial coursebook.

What to Bring: A laptop computer running Windows XP, Vista or 7.

Instructor: Ms. Suzanne Castrup has over twenty-nine years of experience in thermally enhanced oil recovery. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermally Enhanced Oil Recovery in Chevron’s Western Basins Group providing expert consultation on all aspects of steamflood and cyclic steam project design, implementation and evaluation. She also worked as a Production/Reservoir Engineer, managing both cyclic steam stimulation and steamflood projects in several heavy oil properties in the Cymric and Midway Sunset Fields. An expert in heat management, Ms. Castrup spent eleven years as a Research Engineer at Chevron Oil Field Research Company conducting laboratory and field experiments to evaluate various surface and subsurface heat management processes. Ms. Castrup is a recipient of the 2006 SPE Western Region and 2007 SPE International Awards for distinguished contributions to petroleum engineering projects, facilities and construction, has published numerous technical papers and holds several patents relating to heavy oil recovery.

Registration Fee: $1,795 (US)/student   
Deadline: July 22, 2011.
Includes comprehensive course workbook, SteamTools 2.0 software, lunch and refreshments during class.
Register online at www.isgmax.com/petroleum_training.htm, by phone at 661-872-1683, fax at 661-872-3669 or email at training@isgmax.com. Checks payable to Integrated Sciences Group can be mailed to Integrated Sciences Group, 14608 Casitas Canyon Rd, Bakersfield, CA 93306.
Course: Subsurface Heat Management 3-Day Workshop  
Instructor: Suzanne Castrup, Vice President, Integrated Sciences Group  
Dates: August 16-18, 2011  8:00 AM to 5:00 PM  
Location: University of Phoenix, Bakersfield Training Facility, 4900 California Ave

Course Description: This three-day workshop provides a comprehensive review of steamflooding and cyclic steam processes, well completions and subsurface equipment, and reservoir heat management principles and methods. This course also includes hands-on training in the use of ISG’s ResHeat 3.0 software to analyze data and evaluate subsurface heat management efficiency.

Emphasis is given to practical methods and techniques that have been proven to be effective in improving the economic performance of actual steamflood and cyclic steam stimulation projects. The course outline can be accessed via www.isgmax.com/SSHM_Workshop.htm.

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

Prerequisite: Students must have completed the Steam Distribution & Metering Tutorial prior to this course or have purchased and reviewed a copy of the Tutorial coursebook.

What to Bring: A laptop computer running Windows XP, Vista or 7.

Instructor: Ms. Suzanne Castrup has over twenty-nine years of experience in thermally enhanced oil recovery. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermally Enhanced Oil Recovery in Chevron’s Western Basins Group providing expert consultation on all aspects of steamflood and cyclic steam project design, implementation and evaluation. She also worked as a Production/Reservoir Engineer, managing both cyclic steam stimulation and steamflood projects in several heavy oil properties in the Cymric and Midway Sunset Fields. An expert in heat management, Ms. Castrup spent eleven years as a Research Engineer at Chevron Oil Field Research Company conducting laboratory and field experiments to evaluate various surface and subsurface heat management processes. Ms. Castrup is a recipient of the 2006 SPE Western Region and 2007 SPE International Awards for distinguished contributions to petroleum engineering projects, facilities and construction, has published numerous technical papers and holds several patents relating to heavy oil recovery.

Registration Fee: $1,895 (US)/student  Deadline: August 12, 2011.  
Includes comprehensive course workbook, ResHeat 3.0 software, lunch and refreshments during class. Register online at www.isgmax.com/petroleum_training.htm, by phone at 661-872-1683, fax at 661-872-3669 or email at training@isgmax.com. Checks payable to Integrated Sciences Group can be mailed to Integrated Sciences Group, 14608 Casitas Canyon Rd, Bakersfield, CA 93306.
Who will you meet?

If you are a Mentor, Intern and/or College New hire, or bring an Intern or College New Hire to the 
SPE SJV Section Monthly Networking Bash, you could walk away with a new iPad2!*

Thursday, July 28, 2011  5:30 to 7:30 PM
Lengthwise Brewery at 6720 Schirra Ct.

This month’s Sponsor is:

In addition to this month’s special drawing, our sponsor generously provides appetizers for 
your enjoyment while you are meeting new people or visiting with a long time colleague.

Please RSVP to John Wise  @  jwise@enovaes.com  or 661-808-6855

SPE Networking bashes are held monthly as a service to our members.
Non-member guests are always welcome to attend.

* Each intern, college hire and/or mentor/sponsor will receive one raffle ticket for the drawing. Only one guest per mentor/sponsor. Mentor is defined as mentoring a college new hire or intern as part of assigned work duties. College new hires have worked for the operator, or service company, for less than one year. Must be present at the time of the drawing to win. iPad2 donated compliments of Oxy Elk Hills and Vintage Production California.
The SPE SJV Section would like to thank B&L Casing for sponsoring our June 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 John Wise @ jwise@enovaes.com or 661-808-6855.
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

[Logos of various companies]
2011 Tournament Results

<table>
<thead>
<tr>
<th>Place</th>
<th>Morning Flight Winners</th>
<th>Afternoon Flight Winners</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Gross</td>
<td>61 – Team Mark Delmarter</td>
<td>60 – Team Brian Rangel</td>
</tr>
<tr>
<td>2nd Gross</td>
<td>63 – Team Skip Wallace</td>
<td>62 – Team Larry Murray</td>
</tr>
<tr>
<td>3rd Gross</td>
<td>65 – Team Scott Wruck</td>
<td>63 – Team Stan Eschner</td>
</tr>
<tr>
<td>1st Net</td>
<td>52.1 – Team Bill Moseley</td>
<td>53.2 – Team Santos Alvarez</td>
</tr>
<tr>
<td>2nd Net</td>
<td>55.5 – Team Jeff Smith</td>
<td>54 – Team Charles McWhorter</td>
</tr>
<tr>
<td>3rd Net</td>
<td>55.8 – Team Dan Corrhea</td>
<td>54.1 – Team Josh Lancaster</td>
</tr>
</tbody>
</table>

I have the trophies for Morning 1st Gross, 2nd Net, 3rd Net and Afternoon 1st Gross and 3rd Net. Please contact me at Larry.Miller@Halliburton.com to arrange pick up. Thanks.
Senior Production Engineer

E&B Natural Resources has an opening for a Senior Production Engineer. E&B is a privately held, growing independent E&P company (www.ebresources.com). Our California operations are located in Kern County of the San Joaquin Valley, Santa Barbara and San Luis Obispo Counties of the Cuyama Valley and Los Angeles County. We are seeking an experienced Production Engineer to take the engineering lead in various key assets for the company. Operations experience on highly deviated, long reach wells is desirable.

If you are a result oriented, self motivated individual that enjoys working in a team environment, we welcome you to apply for this position.

E&B offers a generous company benefit package that includes medical, dental and vision insurance coverage, short and long-term disability, life insurance, matching 401(k) plan, quarterly bonus program, paid vacation and holidays, and a choice of auto allowance or company vehicle.

A BS or MS degree in Petroleum Engineering is preferred. Other related engineering disciplines qualify.

Starting salary is based upon qualification. E.O.E.

Place inquiries/resume to: Christy Swatzell, Human Resources Manager
cswatzell@ebresources.com
(661) 679-1716
Save Energy and Cut Oil & Gas Well Pulling Costs

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

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.

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!"
SUPPORT THE SJV SPE NEWSLETTER BY PURCHASING ADVERTISING SPACE
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E-mail the SJV SPE Newsletter Editor for more info at Cynthia.Lynch@Chevron.com.
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.

Society of Petroleum Engineers

SPE dues waiver policy (up to two years if unemployed with a written request).
Society of Petroleum Engineers
Membership Application

Do you work in the Oil & Gas Industry?
If so, Think Big Benefits with SPE.
Join Our Worldwide Membership Today!

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Society of Petroleum Engineers

A society built on big ideas makes a big impression.

SPE is...

Where you are
- An expansive membership of more than 90,000 industry professionals in more than 100 countries creating a global network to build your expertise
- Local meetings through more than 170 sections connecting you with industry professionals in your area
- World-renowned SPE Distinguished Lecturer Program bringing global industry experts to speak to local SPE sections
- Specialized online communities giving you local access to the global strength of the society
- Each year, more than 100 regional and international conferences and workshops are offered providing convenient access to events no matter your location

What you do
- A wide range of programs, products, and services benefiting not only engineers, but practically every type of professional working in the oil and gas industry
- Specialized technical information in SPE’s peer-reviewed journals providing you focused technical information to expand your professional career
- A monthly subscription to the industry’s most reliable and credible technology resource, the Journal of Petroleum Technology (JPT), keeping you informed about your industry
- Community outreach resources like Energy4me offering you tools to teach young people about energy
- Opportunities for industry recognition through prestigious awards programs honoring members for their professional contributions to SPE and the industry

What you need
- Discounted member registration to conferences, workshops, and courses giving you direct access to innovative technologies, technical knowledge, and interaction with colleagues to help you continue your professional development
- Special member pricing on books and subscriptions to peer-reviewed journals supplying you with professional resources you can use every day
- Vast online libraries of downloadable technical papers putting the answers you need at your fingertips
- Opportunities to publish and present technical papers in a journal or at a conference allowing you to share knowledge with your peers
- Leadership and volunteer opportunities helping you build industry relationships through service to the society

Learn more about SPE.
Visit www.spe.org.

Join Our Worldwide Membership Today!
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 ______________________

6 TECHNICAL DISCIPLINE

Primary Technical Discipline
- Drilling and Completion
- 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/Manufacturing
- Academia
- Other

Job Classification
- Executive
- Manager
- Engineer
- Geologist or Geophysicist
- Superintendent or Foreman
- Educator
- Consultant
- Student
- Other

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  - USD 110
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  - USD 50
  - Online only
- Journal of Canadian Petroleum Technology* (1 issue)
  - USD 35
  - USD 58
- SPE Journal—Research & Theoretical Aspects of E&P (4 issues)
  - USD 75
  - USD 110
- The Way Ahead magazine (3 issues)
  - Free
  - USD 15

*Price includes 5% GST for members in Canada.

Total ______________________

8 INVOICE

Membership dues and the one-time entrance or reinstatement fee must be submitted to process your application. SPE membership dues and fees are nonrefundable and nontransferable. The SPE membership year is January through December. Members joining prior to January 1 pay for the current year and receive the remaining months of the current year at no additional cost. Prices are valid through August 2011. For up-to-date pricing and a country category listing, visit www.spe.org/prices or contact SPE service.

<table>
<thead>
<tr>
<th>Category 1</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Income Countries (World Bank)</td>
<td>All Other Countries</td>
</tr>
<tr>
<td>Under Age 30</td>
<td>Age 30+</td>
</tr>
<tr>
<td>Monthly Salary</td>
<td>Under Age 30</td>
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<tr>
<td>USD 60</td>
<td>USD 90</td>
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<tr>
<td>Less than USD 600</td>
<td>USD 10*</td>
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<tr>
<td>USD 600 to USD 1,500</td>
<td>USD 25</td>
</tr>
<tr>
<td>More than USD 1,500</td>
<td>USD 50</td>
</tr>
<tr>
<td>USD 60</td>
<td></td>
</tr>
</tbody>
</table>

All amounts are US Dollar Equivalent (USD)

*Includes JPT Only. Online only. Mail subscription requires additional fee of USD 20.

Entry/Reinstatement Fee (required)

Fee

Category 1
USD 20

Category 2 with salary of more than USD 1,500/month
USD 20

Category 2 with salary from USD 800 to USD 1,500/month
USD 10

Category 2 with salary less than USD 800/month
USD 5

Dues = USD

Entry/Reinstatement Fee (required) = USD

Total subscriptions from item 7 (if applicable) = USD

TOTAL PAID = USD

SPE member responsible for encouraging this application (if applicable)

Member number and/or full name

Please note that USD 5 of your dues amount is allocated to your subscription to the Journal of Petroleum Technology and is not deductible or refundable.

Payment is required with application. Please check the box that applies to your method of payment:
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- Visa/MasterCard
- American Express
- Wire (Bank information has changed, please contact SPE customer service.)

Credit Card Number

Expiration Date (mm/yy)

Credit Card

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MDAP_0502_010
## SJV SPE Board of Directors
### 2011 - 2012

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<th>POSITION</th>
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