

Society of Petroleum Engineers, Inc. (SPE)
Mid-Continent Section
c/o Newsletter Editor
One West Third St., Ste. 1400
Tulsa, OK 74103-3519



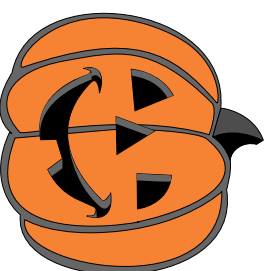
Non-Profit
U.S. Postage
PAID
TULSA, OK
Permit 1548

midcont.spe.org



Mid-Continent Section

Mid-Continent Section Monthly Newsletter



October 2007
Issue No. 344

SPE Mid-Continent Section

Executive Committee Voting Members

Chairman:	Phone	FAX	E-mail
Philip Johnson, Cimarex	295-1812	295-1894	pjohnson@cimarex.com
Vice Chairman (Programs):			
Buck Walsh, TXOK Energy Resources	592-7361	592-7494	bwalsh@txokenergy.com
Secretary:			
Erik Block, Samson	591-1531	591-7531	eblock@samson.com
Treasurer:			
James Piland, Nadel and Gussman, LLC	583-3333	583-0888	jrp@naguss.com
Directors:			
Betty Felber, NETL	699-2031	699-2005	betty.felber@netl.doe.gov
Chris Jacobsen, Premier Natural Resources	392-3235		cjacobsen@premiernaturalresources.com
Tom McCoy, Cimarex	585-1100	878-5530	tmccoy@cimarex.com
Janet McGehee, New Dominion	587-6242	587-9250	janet.mcgehee@newdominion.net
Steve Tipton, Newfield	732-1714	560-0141	stipton@newfield.com
Past Chairman:			
Ken Davis, Samson	583-1791	591-7934	kdavis@samson.com
Regional Director:			
Roy Knapp, U. of OK	405-325-6829	405-325-7477	knapp@ou.edu
Past Regional Director:			
Michael Wiggins, William M. Cobb & Assc.	972-385-0354	972-788-5165	mwiggins@wmcobb.com

Committee Chairmen Non-Voting Members

Newsletter Editor:			
Betty Felber, NETL	699-2031	699-2005	betty.felber@netl.doe.gov
Assistant Editor:			
Greta Creekmore	798-3306		gretacreek@sbcglobal.net
Newsletter Advertising:			
Mike Stockard, BJ Services	622-1853	622-3920	mstockard@bjservices.com
Internet Coordinator:			
Henry Konan, Samson	591-1902	591-7971	hkonan@samson.com
Webmaster:			
Kristi Lovendahl	366-8986		sixgun@olp.net
Public Affairs (Publicity):			
David Kvach, Guardian Energy	599-9327	599-9328	generycon@aol.com
Professional Affairs:			
Gerald Russell, Russell Energy	585-5691		gwr@cox.net
Continuing Education:			
Charlie Hoy, Rowland Energy Services	836-1900 ext. 115		charlie@rowland-group.com
Awards:			
Aaron Horn, Newfield	878-1230		ahorn@newfield.com
Student Development:			
Julie DeWitt, Newfield	878-1252		jdewitt@newfield.com
Scholarships:			
Steve Tipton, Newfield	732-1714	560-0141	stipton@newfield.com
Memberships:			
Johnathon Vacca			
Nominations:			
Ken Davis, Samson	583-1791	591-7934	kdavis@samson.com
IOR Symposium:			
Bill Lawson	629-1056		bill.lawson1@cox.net
Young Professionals:			
Hap Pinkerton, Halliburton	581-5213	585-5143	hap.pinkerton@halliburton
Golf Tourney:			
Bob Beck, Computalog	621-6544	621-6545	bob.beck@computalog.com
Sporting Clays Tournament:			
Mark Carr, Kaiser Francis	491-4369	491-4691	markc@kfoc.net

<http://www.spe.org>

Voting members consist of the Executive Committee. The Chairman only votes in the event of a tie. A Motion can be voted upon with a Quorum of the Voting Members present. A Quorum consists of five Voting Members present. An affirmative vote will consist of 51% of the Quorum present. Committee Chairmen and in their absence, the Committee Vice Chairmen are encouraged to attend board meetings and provide representation and committee reports. The editor welcomes newsworthy items about SPE members or events. Please provide a **draft to the newsletter editor by the 12th of the month.**

Change of address requests should be made to SPE in Richardson, TX @ (800) 456-6863, ext. 458.

Chairman's Gavel

Philip Johnson, 2007-2008 Mid-Continent Chairman

Microphone problems aside (you'll understand if you attended our meeting on September 20th), the Mid-Continent section of SPE is off to a great start. A special thanks goes out to all those who participate in the luncheon meetings because SPE exists to serve its members.

I am grateful to the **Golf Tournament Committee**, led by **Bob Beck**, who raised **\$12,000** or the equivalent of four scholarships at this year's Fall Roundup Golf Tournament. Bringing in new engineering talent is absolutely necessary for the future of the petroleum industry, and scholarships help pave the way. Bob Beck is retiring from the committee this year after many years of hard work. Thanks Bob for your service. Those companies that contributed specifically to the scholarship fund include: **APACHE CORPORATION, ATLAS RESIN PROPPANTS, B B CHEMICALS, BRONCO DRILLING, CIMAREX, H-40 DRILLING, NEWFIELD EXPLORATION, PLASTER & WALD CONSULTING, SAMSON, SCHLUMBERGER, ST. MARY LAND & EXPLORATION, STRAT LAND EXPLORATION, UNIT CORPORATION, and WEATHERFORD.**

As this is our section's **90th anniversary**, I will note a few highlights dealing with the history of our section and SPE. For this gavel, I have focused on the beginning years from 1859 to 1921.

- An Indian Territory driller, looking for saltwater water, accidentally discovered oil in 1859. This is the first known oil well drilled in Oklahoma.
- The American Institute of Mining Engineers, AIME, was founded in 1871.
- The Nellie Johnstone No. 1, discovered in 1897, started the boom.
- AIME officially recognized the need for an oil and gas committee in 1913.
- The University of Pittsburg conferred the first formal degree in Petroleum Engineering in 1913.

In 1915, AIME started the Mid-Continent Section of AIME with the primary focus on Petroleum Engineering

- The vision and hard work of Lucas, Bell, Arnold and DeGolyer result in the expansion of the O&G committee to the Petroleum Divisions of AIME in 1921.

Reference: <http://www.okmoga.com/tour.html>

December 28, 2007 is the 90th anniversary for the Mid-Continent section of SPE. We are section #1 predating the Gulf Coast Section by 18 years. A short documentary video is in the works that will outline the history of the section. If you have any old photos, good stories, etc. that you would like to be in the video, let me or any of the other officers know.

Philip Johnson

2007 – 2008 Chairman

295-1812 Phone

295-1894 Fax

pjohnson@cimarex.com

SPE Mid-Continent Newsletter Sponsors

BJ Services5
Guardian Energy Consultants	10
Halliburton2
Lee Keeling & Associates	13
KWB Oil Property Management9
Object Reservoir	13
Panther Energy	12
Petroleum Club of Tulsa	12
Schlumberger Tulsa	11
SPE Continuing Education	14
SPE Bookstore	14
SPE International4



For ingenuity, the **one for
cementing and drilling fluid services.**

Halliburton pioneered cementing and drilling fluids.
And we're still the industry innovator today.

For good reason. While we have the
experience to provide your choice of
superior discrete services, Halliburton
alone goes one step further by having the
flexibility to modify any service to fit the situation at
hand. Halliburton. The reliability and ingenuity you
can count on for every fluid-related need.



Unleash the energy.™

HALLIBURTON

© 2007 Halliburton. All rights reserved.

R E L I A B I L I T Y . I N G E N U I T Y .

From Your Editor

Betty Felber, 2006-2007 Editor

Thanks to all of you that participated and sponsored the Golf Tournament. We appreciate your support. Congratulations to all!

The programs that the section has scheduled this month should be enlightening. The October 11th meeting is co-sponsored by SPEE and is entitled "Professional Ethics". It is given by fellow Tulsan and past SPE President Roy Koerner. The second October meeting on microbes will be given by Roy Knapp, our representative to the SPE Board of Directors.

Come see what they have to say.

Betty Felber

National Energy Technology Laboratory

699-2031 Phone

betty.felber@netl.doe.gov

Calendar

Events of Interest

Oct. 9

Tuesday, SPE Computer Users Group, 6:00 pm, Macaroni Grill, 66th & Memorial.

Jack Coursey 663-5524

Jack@sarcolan.com

John Bailey 631-3148

Oct. 11

Thursday, SPE Luncheon Meeting, Texaco (Retired), Joint Meeting with SPEE, "Professional Ethics", Petroleum Club.

miller@tulsa.oilfield.slb.com

Oct. 25

Thursday, SPE Luncheon Meeting, Roy Knapp, University of Oklahoma, "Microbial Enhanced Oil Recovery Technologies: A Review of the Past, Present and Future", Petroleum Club.

miller@tulsa.oilfield.slb.com

Oct. 26

Friday, 12th Annual Sporting Clays Classic, Longshot Ranch, Skiatook, OK.

janet.black@halliburton.com

Nov. 8

Thursday, SPE Luncheon Meeting, Tommy Warren, Tesco, "Microbial Enhanced Oil Recovery Technologies: A Review of the Past, Present and Future", Petroleum Club.

miller@tulsa.oilfield.slb.com

Nov. 29

Thursday, SPE Luncheon Meeting, Tom Tella/Scott Rees, Netherland Sewell, "SEC Hot Topics", Petroleum Club.

miller@tulsa.oilfield.slb.com



REGISTER NOW
www.spe.org/atce



Guardian Energy Consultants

403 S. Cheyenne, Suite 403, Tulsa, Oklahoma 74103

918-599-9327 FAX 918-599-9328

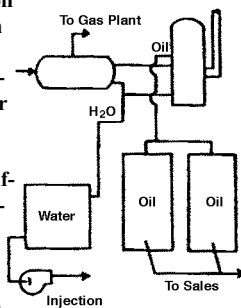
Our extensive experience in the oil fields and in the office have given us the experience to provide a broad range of services and practical engineering solutions to your problems.

Whether you have cost control difficulties, want to develop a water-flood, need rig or completion supervision, have a tank battery and gas line to build or simply have a corrosion control question—we can help.

Our number one goal is to maximize your profits. We can make the difference.

Yours very truly,

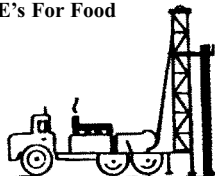
David W. Kvach, P.E.
 President



- Field Studies
- SPCC/SARA Title III
- Coal Gas Analysis & Production
- Oil & Gas Well Drilling
- Air & Mud Rotary
- Horizontal Drilling
- Completion & Workovers
- Facility Design
- Production Management
- Reserves & Economics
- AFE's For Food

**SPECIALIZING IN
 ENGINEERING and
 SUPERVISION**

**MINIMIZE
 Your Investment By
 MAXIMIZING
 On Location Efficiency**





**The Blue WellboreSM
Adds Value**


BJ Services is the only service company focused on completion and production. From primary cementing and initial completion to stimulation and remedial treatments, The Blue Wellbore gives you more productive wells.

McAlester
(918) 423-9035

Tulsa
(918) 622-1853



BJ Services Company

Want more information? Click this icon  at www.bjservices.com

October

Date/Event

Thursday, October 11, Luncheon Meeting, Roy Koerner, Texaco (Retired), "Professional Ethics"

Description

We have Cognitive Intelligence (IQ) and Technical Intelligence (learned skills) or we wouldn't be here. Other areas of intelligence affect our success and happiness perhaps even more. Goleman described Emotional Intelligence as an awareness of our own and other's feelings and how to respond to our body's reaction to severe stress as fear and anger. Moral Intelligence, studied by Lennick and Kiel, is understanding our individual moral code, system of values and basic beliefs. Zohar and Marshall tell us Spiritual Intelligence is how we handle such problems as meaning and value to differentiate one life path from another. There are other "intelligences" but we will roll up the latter three into Ethics Intelligence. This subject affects each of us profoundly in our personal, professional and corporate lives. At least two comprehensive studies prove companies with higher than average ethical values financially outperform the others by a factor of 5 to 15. Most successful corporate executives are gifted with IQ and technical skills but also with ethical values based on an awareness of their emotional and moral intelligence. However, Dick Bolles (What Color is your Parachute) says studies show we are not as aware of our individual strengths and skills as others that observe us. Also, we are not as aware of our basic individual principles, values and beliefs as others. We are unaware that we are "wired" from birth to be empathic and do not realize that in times of severe stress, we react using our primitive brain rather than our cognitive brain that leads to strained relations and causes harm to our body. We shall review these responses and how to mitigate them. We will be furnished with a package of "Alignment Worksheets" to perform a self assessment of our belief system to discuss with close friends and family to more fully understand our inner selves. We will also discuss the three main ethical philosophies of corporations and how they interact with people and institutions in the community. THE ONE IDEA: We neither understand fully our own strengths and belief systems nor our evolutionary inheritance from ancient ancestors that affect our reactions in a modern world. There are "tools" available to better understand these matters and how to effectively handle them.

Speaker

Roy H. Koerner, Texaco (Retired)

Roy H. Koerner served as the 1995 SPE President, 1998 AIME President and is presently President of the SPE Foundation. He grew up in Tulsa, Oklahoma and earned a Bachelor of Science degree in Petroleum Engineering from the University of Tulsa (TU) in 1958 and his MSPE from Louisiana Tech University in 1968. He was inducted into the TU College of Engineering and Applied Sciences Hall of Fame in 1995 and served as a member of the PE Department Industry Advisory Board for many years. Koerner retired from Texaco Exploration Inc. during 1996 in Denver, Colorado. He is involved in community affairs including serving as Board Chair of Colorado Ethics in Business Alliance and has written several pub-

Luncheons are held at the Petroleum Club, 15th Floor from 11:20-1:00 p.m. unless otherwise noted. For reservations e-mail **Daena** at miller@tulsa.oilfield.slb.com or call **582-0963 ext. 10** by

Tuesday noon. Luncheon cost is \$20.00.

lished papers on the subject. He now resides with his wife MaryAnn in Castle Pines Village, near Denver. They have three grown sons and two are Petroleum Engineers.

Date/Event

Thursday, October 25, Luncheon Meeting, Roy Knapp, University of Oklahoma, "Microbial Stimulation Treatment of High Water-Cut Wells in the Viola Formation, Pontotoc County, OK"

Description

Microbial stimulation of water-flooded reservoirs in the tertiary stage of oil recovery could be an economical technology to recover entrapped oil. However, beneficial microbial metabolic activity in-situ has often not been rigorously correlated with the persistence and activity of injected bacterial species and oil recovery. We injected a nutrient mixture and two *Bacillus* strains into two wells to correlate in-situ metabolism and growth with oil recovery. Analysis of production water from the "huff and puff" treatment indicated in-situ metabolism of the nutrients, growth of the injected strains and other heterotrophic fermenting bacteria, and production of bacterial products which are potentially useful in enhancing oil recovery. The increase in bio-products during the first 5 days after the start of production corresponded directly with increased oil recovery. Wellhead measurements of total produced water, the water/oil ratio (WOR) and the percent oil cut as well as separation tank battery production data indicated that a corresponding net increase of more than 200 bbl in oil recovery occurred in during the first 100 days of sampling.

Speaker

Roy M. Knapp, Professor, Petroleum & Geological Engineering, University of Oklahoma

Roy M. Knapp grew up in Gridley, Kansas and is a graduate of the University of Kansas where he earned a Bachelor of Science in Mechanical Engineering in 1963, a Master of Science in Petroleum Engineering in 1969 and a Doctor of Engineering in 1973.

He worked for Northern Natural Gas Company from 1964 to 1971 in a variety of positions in gas supply, employee relations and corporate operations research. After completing his doctorate in 1973, he joined the Petroleum Engineering faculty at the University of Texas. In January of 1979, he joined the faculty at the University of Oklahoma. He served as Director of the School of Petroleum and Geological Engineering from 1979-88 and from 1996-98. He was appointed as Mewbourne Professor in September 1993.

Roy is a member of the Society of Petroleum Engineers and currently is Director, Mid-Continent North America Region. He also is a member of several other professional organizations. He has co-authored over 110 papers on petroleum engineering subjects. His professional interests are reservoir engineering and simulation and the use of microorganisms to improve petroleum exploitation operations.

Continued on page 8

November

Date/Event

Thursday, November 8, Luncheon Meeting, Tommy Warren, Tesco, "Drilling with Casing - What it Can and Can't Do for an Asset"

Description

Drilling with casing is an emerging technology for simultaneously drilling and casing a well. The casing is used as the drillstring – which may reduce well costs and enable problematic hole sections to be drilled. There are many situations where lost circulation, well control incidents, and borehole stability problems are directly attributed to tripping the drillstring and other situations where they prevent the drillstring from being tripped. These problems are significantly reduced by drilling with casing. Savings from reducing drillstring trips and handling times are important, but the potential to employ the technology to reduce risk and exploit reserves below troublesome formations are much more significant.

Drilling with casing is gaining increasing acceptance in both onshore applications where entire wells are drilled with casing and offshore applications where it is used to drill selected intervals. Casing drilling opportunities range from very simple vertical intervals, where a drillable bit may be attached directly to the casing, to complex directional applications. For the latter, steerable motors or rotary steerable systems and MWD/LWD tools may be run as a retrievable drilling assembly that can be recovered from the casing and re-run as desired without requiring a drillstring trip.

This talk reviews the current status and advantages and disadvantages of a technique that's been used in the last few years to drill over a thousand intervals ranging from shallow surface holes using 20" casing to drilling to over 15,000 ft with 3-1/2" production tubing.

Speaker

Tommy Warren, Director, CASING DRILLING[®] Research and Engineering for Tesco

Tommy joined Tesco in 1999 after spending twenty six years with Amoco in operations and drilling research. His research has led to the publication of 60 technical papers and 35 patents. Tommy graduated from the University of Alabama with BS (1973) and MS (1976) Degrees in Mineral Engineering and was selected as a University of Alabama Distinguished Engineering Fellow in 1994.

Tommy is active in the SPE technical programs and served as chairman of the 1999 Annual Technical Conference and Exhibition, was a SPE Distinguished Lecturer in 1998-99 and is currently serving as chairman of the SPE Publications Coordinating Committee and member of the IADC/SPE Drilling Conference Program Committee. He was the recipient of the 1997 SPE Drilling Engineering Award, the 1985 SPE Cedric K. Ferguson Medal, the 1982 AIME/SPE Rossiter W. Raymond Award, and is the author of the casing drilling chapter for the upcoming SPE Advanced Drilling Engineering textbook.

Date/Event

Thursday, November 29, Luncheon Meeting, **Tom Tella, Netherland Sewell, "SEC Hot Topics"**

Description

This presentation will cover the latest issues raised by the SEC regarding reserve reporting. There will also be presented examples of the data requests and questions covered by recent SEC "Comment Letters" addressed to several public E&P companies.

Speaker

Thomas J. Tella II, Netherland, Sewell & Associates

Tom has been a petroleum consultant at Netherland, Sewell & Associates, Inc. (NSAI) since 1978. He is Senior Vice President and Team Leader at NSAI. His work experience includes oil and gas reserve estimates, field studies, evaluation of secondary recovery projects, property evaluations for sales and acquisitions, prospect evaluations, presentation of expert witness testimony, and coordination of large reserve evaluation projects. He was project coordinator for the annual reserve work for Vintage Petroleum, Inc. for over 20 years until their sale, and now coordinates the Petrohawk Energy Corporation annual reserve work. Projects have encompassed most of the major producing basins in the United States along with evaluations in Russia, Argentina, and the Middle East. Before joining NSAI, Tom worked as a reservoir and workover engineer for Exxon Company, USA in the Louisiana Gulf Coast region, onshore and offshore. Tom has his degree in Chemical Engineering from Texas Tech University.

Netherland, Sewell & Associates, Inc. (NSAI) is a worldwide leader of petroleum property analysis to industry and financial organizations and government agencies. With offices in Dallas and Houston, NSAI delivers high quality, fully integrated engineering, operational, geologic, geophysical, petrophysical and economic solutions for all facets of the upstream energy industry.

KWB Oil Property Management, Inc.

20 East 5th Street
Suite 1100

Tulsa, Oklahoma 74103
Phone: (918) 583-8300

BROWN & ASSOCIATES
Petroleum Engineers & Geologists

12th Annual Sporting Clays Classic

Sign Up Now

Friday, October 26, 2007
Longshot Ranch, Skiatook, OK
Registration Deadline is October 22rd

****Eye & Ear Protection Required for All Shooters****

The Mid-Continent SPE is pleased to announce the **12th Annual Sporting Clays Classic**. This year the Classic will be held on Friday, October 26th at Longshot Ranch. The morning group will begin at 8:00 AM and the afternoon group will begin at 1:00 PM (Check in 30 min prior to start.).

Entry fee will be \$200 per shooter or \$1000 per 5-man team (Please make checks payable to SPE Sporting Clays). This is a significant increase, however, companies that sponsor a 5 man team will have a sign on location and will not be solicited for sponsorship money.

As always, the Classic will include 100 clay targets, breakfast, lunch, drinks and lots of prizes. All participants will be scored individually and classed by a Lewis Class Scoring System. Shooters will be required to provide their own shotgun shells (2 3/4", #9, #8 or #7 1/2 shot). Please bring extra shells in case of a malfunction. The wobble trap and 5 stand will be available for a minimal fee if you wish to practice while waiting for your starting time.

The door prize drawing will be held at 12:00, therefore, if you shoot in the afternoon, please sign in before noon. If you wish to rent a cart, contact Dave Dunlap at drdlongshot@aol.com. The cost will be \$60. The first 20 carts available will have a back seat. Deadline to rent a cart is October 19th, 2007.

Registration deadline is **October 22rd**.

Please check one: Morning _____ Afternoon _____

TEAM ROSTER:

CAPTAIN

(1) _____ Ph. (____) ____ - _____

(2) _____

(3) _____

(4) _____

(5) _____

Mail entries to:

Janet Black
Halliburton
601 S. Boulder, Ste. 300
Tulsa, OK 74119

Or e-mail to:
janet.black@halliburton.com
Phone: 918/587-3117

Directions to Longshot Ranch: From Tulsa, Hwy 75 north to Hwy 20, go 12 mi W through Skiatook; turn N on Ranchland Rd; 3 mi N to fork in road, take left Fork; go 2 mi to Longshot on N side of road.

Continuing Education

Charlie Hoy, Continuing Ed. Chair

Greetings to all members of the MidCon section of SPE. My name is Charlie Hoy and I am the newly appointed Chairman for Continuing Education. I am the Associate Director for Rowland Energy Services a division of the Rowland Group.

I am looking forward to working with each of you and bringing a new and exciting program for continuing education credits in 2007 – 2008. Continuing education is a "living" process as it will grow and change throughout the year. These are exciting times in our industry and there are many opportunities open to each of us to grow professionally in each discipline.

Starting with this Newsletter, I would like to ask for your help in defining the types of programs that you would like to see for this coming year? Also, what methods of learning processes would you like to see; internet, lecture, etc. Please feel free to forward your responses to me at Charlie@rowland-group.com.

We are looking for a great year in SPE and with your help and input, I am positive that you will be able to grow personally and professionally. I am excited about the outcome!

Best Regards,

Charlie Hoy

Associate Director - Rowland Energy Services

(918) 836-1900 x115

charlie@rowland-group.com

Schlumberger

"Serving the Oil & Gas Industry in Oklahoma since 1954"

The Industry Leader in Technology, Helping Clients Find More Oil & Gas More Efficiently

Wireline & Testing

Reid Beecher, Sr. Sales Engr.
Terry Hix, Maxpro Sales Engr.
(918) 582-0963

Well Services

Garry Smith, City Sales Mgr.
Scott Lugibihl, Sales Engr.
Rich Connell, Sales Engr.
(918) 584-6651

Directional Drilling Brian Brurud, Sales Engineer (918) 584-6651

525 South Main, Suite 204 • Tulsa, OK 74103 • Fax: (918) 582-3764

Dear SPE Membership,



The Board and Staff of The Petroleum Club of Tulsa wishes to express our appreciation of the faithfulness the SPE organization has shown over the past several years. We work very hard to accommodate your needs and we understand organizations such as yours works on a very demanding budget as we do. The Petroleum Club of Tulsa wants to continue to offer SPE a nice variety on your buffet and still maintain a low cost to you. Increases, such as you know, from time to time are inevitable. We will do all we can to continue to provide you with the food and service you have come to expect at a cost that will not compromise both our organizations. Once again, thank you for the continued support SPE has given The Petroleum Club.

Respectfully,
Sue Barnett
Event Coordinator
Petroleum Club of Tulsa
918-585-9121
sbarnett@tulsapetroleumclub.com



PANTHER ENERGY COMPANY, LLC
PO Box 3105, Tulsa, OK 74101 918-583-1396



Specializing in resource
development through
horizontal drilling.

*Actively pursuing play entries
and partnering opportunities.*

CONTACT:

Dan Hawe
VP Engineering
918-551-7116

James Lawrence
VP Business Development
918-551-7106



LEE KEELING & ASSOCIATES

Petroleum Engineers & Geologists

Tulsa

(918) 587-5521

Houston

(713) 651-8006

www.lkaengineers.com

email: keeling@lkaengineers.com



Reservoir Modeling

Not Just for Specialists Anymore

Become an overnight guru using breakthrough technology with a simple interface.

Get to Know the Company Expert – **You.**

object
reservoir

Modeling Software and Services

281.940.0125 x107

www.objectreservoir.com

The technical book resource for the petroleum engineering professional

NEW
TITLES &
FEATURES

The *new* SPE Bookstore

- Hundreds of additional titles
- New search features
- Discounted member pricing



Society of Petroleum Engineers
www.spe.org/store

SHARPEN YOUR COMPETITIVE EDGE WITH DISTANCE LEARNING

There's no better time to sharpen your skills than now—and no better resource to assist you than the Society of Petroleum Engineers' Distance Learning program.

With Distance Learning, you can expand your education from any place in the world, at any time, through the Internet! SPE's Distance Learning program educates the world's petroleum engineers from all spans of the globe with intellectually challenging courses that are designed and presented by dynamic instructors.

Distance Learning is the breakthrough technology that fits into your busy lifestyle. Visit our Web site today for more information!

www.spe.org/learning

Or contact Tom Whipple at 1-872-952-9452, e-mail: twhipple@speink.spe.org



“For fast-acting relief try slowing down”.

— Lily Tomlin

SPE Monthly Bulletin No. 344

Issue Date: October 1, 2007

Society of Petroleum Engineers, Inc. (SPE)

Mid-Continent Section

c/o Newsletter Editor

One West Third St., Ste. 1400

Tulsa, OK 74103-3519

