

President's Letter

Traditionally summer is a slow time for SPEE after the Annual Meeting in June. Chapter meetings usually end in May and start up again in September. It is time for vacations and preparation for the upcoming fall events and holidays. I hope you had a good summer and that you are looking forward to this last part of the year.

The most important event for the Society at large is the election of new directors. All members received a postcard with a voting number on it. The slate of candidates and the voting site was located on the SPEE website. Ballots for on-line voting were due by November 8, and mail-in ballots (for those without email) were due by November 10.

For the first time in our history, we had two Europe Chapter members running, and one of them has been selected as our first non-North American director. The full slate of candidates were from both consulting companies and producers, and one is retired from a producing company and is now teaching evaluation to undergraduate students at a major petroleum engineering department. They are all highly qualified and deserved your consideration.

Our new directors are **Allen Barron, Rod Sidle, and Graeme Simpson**. I welcome them to the Board of Directors. They will be officially installed on January 21, 2011. I want to thank **Brian Walter** (who graciously extended for one year at the invitation of the Board), **Scott Stinson, Jim Patterson, and Richard Krenek** for their service as Board members. Rick Krenek has been nominated as Secretary-Treasurer, so we will hear more from him over the next three years. I also want to thank the candidates who did not win election to the Board. They stepped up and volunteered to serve. I hope all of you will be inspired by their example to help our national and local officers with your time and ideas.

The Executive Committee and the Board will soon be sending ballots for bylaws changes. The main elements under consideration are educational requirements, acknowledgement of ethics requirements of the Society, and electronic mail and funds transfers for the Society.

The current educational requirements are a degree in engineering or geology. The proposed change for educational requirements will include mathematical and physical science degrees as qualifying degrees for membership. Many reservoir

engineers who go on to become evaluation engineers have degrees in physics (Laurie Dake, author of two recognized reservoir engineering textbooks who was knighted for his services to reservoir engineering in the United Kingdom, received a degree in natural philosophy). We also note that many geologists and geophysicists have moved into the evaluation realm and meet the other requirements of membership. As I noted in my last newsletter, this change in no way is a requirement for licensure by members where it is not currently required. As we move forward with international members as well as with North American members from other educational backgrounds, this will become more important.

The ethics acknowledgement was designed to maintain the high standards expected of SPEE members. After discussion at the Board meeting in January, a proposed bylaws change that would require affirmation of the Society's ethics standards either through use of the continuing education requirement for licensed professionals (where the state in which they practice requires such education) or through an annual review of the Code of Ethics and the Standards of Evaluation Engineering Practice in the bylaws was deemed to be sufficient. It is all-important that we as a Society of professionals maintain our reputation for integrity and ethical behavior. This requirement, if passed, would remind all of us of our responsibility to our clients and companies.



SPEE Monograph 3 was sent to members for review and comments in late August. Some of you took the time to comment on the Monograph. We had the document reviewed by a renowned geostatistician and have received his comments. The committee members did a remarkable job of preparing the Monograph, and they are to be congratulated for an innovative approach to the problem of evaluation of undeveloped reserves in resource plays. Final comments are being reviewed by the Committee, and we hope to have the Monograph published in the near future.

Staff members of the Texas Board of Professional Engineers have issued an opinion that any evaluation of properties in Texas will require a professional engineer licensed in Texas to seal that evaluation, no matter where the evaluation was done or where the client or company is headquartered. I have asked the Chairman of the Reserve Definition Committee, **Tim Smith**, and the members of that committee (**Buddy Sipes, Russ Long, Mike Adams**, and me) to investigate this interpretation and to approach the Board officially with a dissenting opinion. I hope to have news to share on this topic by the next newsletter. The Board and the Reserve Definition Committee may ask some members for comments and suggestions on this very important topic. Please participate in this discussion if asked. If you have suggestions or comments on this topic, please forward them to Tim Smith.

A brief note about the survey concerning children at the Annual Meeting is in order. Over 90% of the respondents felt that: (1) children should not attend the Awards Banquet or the reception and (2) SPEE should not plan events specifically for children. Almost 60% felt that children should not attend the Annual Meeting at all, three-quarters of them felt that children should not attend the Spouse's Breakfasts, and two-thirds felt that children should not be allowed to attend the tours. A few points should be made about the survey. It was not scientific, and I learned from the responses that a lot of thought should go into the questions. Some of the responses required some interpretation. There were a total of 64 responses (and not all of them addressed every question), so the results represent just slightly over 10% of the total membership. The Board of Directors needs to consider the results and establish a consistent policy for children at the Annual Meeting, as there can be confusion about that policy. The meeting is still the province of the Vice President, and the Society has always respected the wishes of that officer when running the Annual Meeting.

Finally, we are also looking to Tim for his steering committee role for the joint reserves symposium next year. Our Society, in conjunction with SPE and AAPG, will host the event. More news should be forthcoming in the near future.

Please let me know if you have any concerns or suggestions to improve our Society and its services (email: bigboy0951@att.net).

Stuart L. Filler

Oil and Gas Property Evaluation and Economics **SPEE-SPE Reprint Volume**

Just in time for Christmas stocking stuffing! The new SPEE-SPE Reprint Volume is here and ready for sale at the SPE Bookstore.

After a year of hard work by a dedicated group of folks from SPEE and SPE, the reprint volume titled *Oil and Gas Property Valuation and Economics* has been completed. This volume combines the subjects of Property/Project Evaluation, Economics, and Finance by offering a selection of over 30 papers presented in various SPE and other forums over the past 30+ years. The last reprint volumes on these subjects No. 3 and No.16 were published in 1970 and 1982 respectively.

The purpose of this new volume is two-fold. The first is to preserve and highlight some of the more informative papers that appear in recent industry literature in a single source so that the subjects and contents can be compared and studied in close context. The second purpose is to continue the documentation of oil and gas property evaluation advancements. Many of the papers published in the prior volumes were classics in their time and remain the foundation upon which modern evaluation practice is built. The new volume includes some of the classic papers from Volumes 3 and 16 to maintain continuity and then expands the scope to include new methods and applications.

The papers in this volume are sorted into four separate but closely integrated categories: Valuation, Risk Analysis, International Economics/Fiscal Regimes and Special Focus Topics. The choice of topical areas reflects changes in the industry since the early 1980s as companies venture into frontier regions; and as international activity brings new challenges to both financing projects and earning economic returns from those projects. An extensive Bibliography is also provided. The Bibliography includes many of the papers from the earlier reprint volumes along with most of the papers that were considered for this volume. The sources listed, plus those shown as references in the reprinted papers, serve as a library of further pertinent information for the reader.

The reprint volume is available on CD for \$50 (cheap) from the SPE Bookstore (<http://store.spe.org/Oil-and-Gas-Property-Valuation-and-Economics--P448.aspx>) and can be in your hands in time to amaze all your friends and family with new-found sources and references. As an added bonus, SPEE participates in the proceeds from sales of the volume.

SPEE was represented in this effort by Rod Sidle, Gary Gonzenbach and Richard Miller while SPE was represented by Steve McCants, Delores Hinkle and Rawden Seager. Thank you to all and a special Thank You! to Jennifer Wegman of SPE for her diligence and patience.

Richard J. Miller

Chapter News

Calgary

The Calgary Chapter held four business meetings in January, March, May and October of 2010 and also held three technical luncheon meetings in February, April and September, 2010.

The September technical luncheon topic of *Fracturing with Hydrocarbon Fluids in Multi-Stage Completions in the Karr Field, Alberta; Lower Montney Formation* was presented by Mr. Brad Rieb of BJ Services.

The Bitumen section of Volume 3 of COGEH is authored and feedback has been received from selected industry participants. Incorporation of the comments is underway. The Calgary Chapter hopes that this section of Volume 3 will be ready for distribution in early 2011.

The Calgary Chapter has formed a new standing committee under the guidance of Mr. Robin Bertram to develop the Prospective and Contingent Resources section of COGEH. The development of this section is preliminarily expected to be completed in early 2012.

COGEH volumes are available for order via the website at speecanada.org/products.htm.

Meetings - 3rd Tuesday of each month except June, July and August. Membership - 55

California

Membership - 27

Central Texas

The Central Texas Chapter has no meetings to report. The new officers will take over the reins at the beginning of 2011.

Membership - 31

Dallas

The Dallas Chapter started off the fiscal year with a leadership meeting in July to discuss plans for the 2010-2011 year. Officers were forwarded for the new year with the following serving the Chapter:

Chairman 2010-11: Philip C. Crouse
Vice Chairman – Programs: Gary Swindell
Director/Past Chairman 2009-10/SPEE Liaison: Paul McDonald
Secretary/Treasurer: P.J. “Jay” Thrash, Jr.
Director/Past Chairman 2007-09/Membership: Dean Eiland

The first meeting of the year was held at the Petroleum Club of Dallas with about 50 in attendance. The talk was given by Lance Robertson, Manager of Drilling and Completions for Pioneer Natural Resources’ Eagle Ford Asset Team and entitled *Eagle Ford: Uniquely Positioned for Commercial & Technical Success*. Lance’s talk focused on the commercial impacts of condensate/oil versus dry gas, the unique mineralogical and structural features of the Eagle Ford and recent completion practices and advances. A robust Q&A followed from an excellent and well-received presentation. Paul McDonald was recognized by everyone at the meeting for the excellent year the Dallas Chapter had and was presented with a token of gratitude for his contributions and serving as Chairman to the Chapter.

Upcoming meetings we encourage anyone to attend are:

- November 4, 2010 – C.W. Clark, P.E., Director of Compliance & Enforcement from the Texas Engineering Board – *Ethics*. This qualifies for the yearly ethics requirement.
- January 20, 2011 – Russ Hall, *Reserves in Resource Plays*
- March 24, 2011- Michael Collier, Partner, US Energy M&A, PricewaterhouseCoopers, Houston Texas – *Environment, Trends and Developments in Mergers and Acquisitions*
- May 19, 2011- TBD

Our meeting for November will be at the Petroleum Club of Dallas located downtown Dallas. The price is \$30. Meetings for January, March and May are scheduled to occur at Brookhaven College at the Ellison Miles Institute (same building SPE holds its Production Study Group meetings). We should be able to offer these meetings at reduced rates vs. the Petroleum Club of Dallas costs.

Meetings – Bimonthly September through May on 3rd Thursday of the month unless otherwise stated. The November meeting was earlier than normal calendar schedule. Membership – 55

Denver

On October 13th, the Denver Chapter held its fourth quarter meeting of 2010 with 59 in attendance including 27 members and 32 guests. The guest speaker was Mr. Mark McLane, Partner of Rose & Associates LLC and SPE Distinguished Lecturer. His presentation was entitled *Reserve Overbooking – An Issue of Professional Ethics*. This presentation was designed to help attendees meet the requirements of the various state licensing boards for one hour of ethics study. More specifically, the presentation dealt with issues of ethics relating to reserves booking in the “Post-Enron” world citing errors of omission and errors of commissions as root causes for overbooking.

The Denver Chapter announces the following officers for 2011:

Chairman – Mike White
Vice-Chairman - Letha Lencioni
Secretary/Treasurer – John Benton
Membership – Fred LeGrand

Meetings – 2nd Wednesday of first month of each quarter – Denver Athletic Club – The New Petroleum Club. Membership 63

Europe

Four meetings per year. Membership - 11

Houston

The Houston Chapter's first meeting after our annual June – August break was on September 1st and featured Mr. Dan Olds as the luncheon speaker. Dan Olds has been a Senior Vice President of Ryder Scott Company and previous Houston Chairman and SPEE National Board Member. His presentation at the September luncheon was entitled *Embracing the New SEC Regulations*.

Speaking at the October 6th meeting was Mr. William Vail Jr. who is currently a Vice President with the North America Division of DeGolyer and MacNaughton. Prior to D&M, William worked in various capacities with Transco Exploration, Eastern States Exploration and Statoil Energy. Currently William is part of the SPEE efforts to write a monograph that presents logical and reasonable methods for estimating reserves in resource plays consistent with PRMS and SEC reserve definitions. This Monograph 3 addresses pertinent issues, potential problems and best practices for industry professionals attempting to modify past practices when interpreting the emerging rules and guidelines. William's presentation was entitled *Discussion on SPEE's Monograph 3, Guidelines for the evaluation of Resource Plays*. There was significant interest and several questions were raised in respect to the proposed calculations. New member Lucy King was acknowledged and presented her SPEE certificate.

The topic for the monthly luncheon meeting on November 3rd was *An Update on the Use of Analogy for Oil and Gas Reserves Estimation* presented by Mr. Rod Sidle. Rod worked for Shell Oil Company and Royal Dutch Shell for 35 years before retiring. Since retirement Rod has been lecturing at Texas A&M University on project evaluation. During 2010 Rod has co-authored and presented three SPE papers on oil and gas reserves topics of analogy and reliable technology. Prior to Rod's talk, the slate of candidates for Chapter Officers for 2010 were presented by the Executive Committee.

These candidates are: Mitch Reece for Chairman, Jerry Blevins for Vice Chairman and Jennifer Fitzgerald for Secretary/Treasurer. Voting for 2011 officers will be conducted at our last monthly luncheon meeting of 2010 on Tuesday, November 30th.

Meetings – 1st Wednesday of each month except June, July and August – Houston Petroleum Club. Membership – 186

Midland

Meetings – 1st Tuesday odd months – Midland Petroleum Club. Membership - 28

Tulsa

1st Tuesday of each month – Petroleum Club. Membership – 27

Oklahoma City Chapter

On June 24th, the Oklahoma City Chapter was proud to host SPEE National President Stuart Filler as our luncheon speaker. President Filler spoke to our Oklahoma City group giving a summary of the SPEE Annual Meeting. Stuart reviewed the short courses and presentations given at the annual meeting and discussed the new European Chapter's formation and its importance to the SPEE. Near the end of his presentation, President Filler encouraged qualified candidates in the audience to join the SPEE. Total attendance was 30 members and guests.

After a much-enjoyed summer break, the Oklahoma City Chapter held the first fall meeting September 23rd by welcoming Jeff Hume, President and Chief Operating Officer of Continental Resources of Oklahoma City. Mr. Hume's talk entitled *Continental Resources: A Champion for American Oil* reviewed the history of Continental Resources. Mr. Hume discussed how in the mid-1980s, privately held Continental Resources, Inc. decided to become an oil-concentrated exploration and production company, and today it has grown to become a \$7.5 billion publicly held company, leading in the exploration of U.S. unconventional resource plays. Mr. Hume also provided his perspective as he leads Continental in the 21st century development of American oil. Mr. Hume indicated U.S. liquids production (oil plus NGLs) is currently almost 50% of consumption; he encouraged those in the audience to also pursue American liquids rich plays. Total attendance was 59 members and guests.

For our October 2010 meeting, the Oklahoma City Chapter had Richard Spears of Spears and Associates speak to our group. Mr. Spears is a past SPE Distinguished Lecturer and is on the Boards of Directors of a number of energy industry companies.

Meetings – Every odd numbered month. Membership - 23

2011 SPEE Annual Conference

June 4 – 7, 2011



Omni Amelia Island Plantation Resort Florida

Just 35 miles from Jacksonville in northern Florida

Beautiful weather and beaches

Pristine golf courses and nature trails

Lots of family activities like swimming, tennis, segway tours, biking, deep sea and bay fishing, kayaking, beach games and more

Relaxing Spa

Historical sites and shopping nearby

Disney World and Universal Studios are a two-hour drive

The resort is offering all attendees the following special discounts:

- 25% Discount off printed golf rates for 2011 for play on Oak Marsh, Ocean Links and Amelia River Club.
- 10% Discount off printed Spa Services for 2011
- Special Discounted Rate of \$40.00 round trip per person for airport transportation, based on hourly service (advance reservations required), so no car is needed

Tentative schedule is as follows:

- Sat AM: Golf Tournament
- Sat PM: Short Course – Production Sharing Contracts
- Sat Evening: Beach party with Bonfire and S'mores
- Sun AM: BOD and committee meetings
- Sun PM: Short Course – Risk Analysis for Development Applications
- Sun Evening: Reception at Walkers Landing
- Mon AM: General Meeting Sessions/ Spouse trip to historic shopping area
- Mon PM: Tennis Tournament and other activities
- Mon evening: Annual Awards Banquet
- Tues AM: General Meeting Sessions
- Tues PM: Possible Short Course



This year is 'kid friendly' and there is NO choosing short course vs. activity! We are working on designing activities for children while the adults are at the reception and banquet. If your family is planning on being with you at Amelia Island, please email Marshall Watson with number of children and ages, so that kids' activities can be planned accordingly.

The General Sessions will include a panel discussion of the soon-to-be released Monograph 3, *Guidelines for the Practical Evaluation of Undeveloped Reserves in Resource Plays*, speakers on evaluation of production sharing contracts from various countries, results from the April 2011 Petroleum Economic Software Symposium, speakers on shale plays and current economic metrics in our industry and more! If you have recommendations for a speaker or a paper you would like to present, please email Marshall Watson at marshall.watson@ttu.edu.

Most major airlines fly into Jacksonville, FL. The reservation number is 800-281-1100; please refer to the group by our organization's name, Society of Petroleum Evaluation Engineers, June 3-7, 2011. The special discounted rate is \$229 per night. All rooms at Amelia Island hotel are "Oceanview Inn Rooms" so you will have a beautiful view of the Atlantic Ocean when you get up in the morning! Make your reservations early.

Bike Club opens new pathways for kids

By John Gordon
United Methodist News Service

TULSA, Okla.—At 77, Dick Banks is more than a whiz on two wheels. His love for bicycles is helping students at an inner-city elementary school explore new paths.

“When a kid has a bicycle . . . it’s liberating, it’s freeing,” says Mr. Banks, who heads the Bicycle Ministry at Tulsa’s First United Methodist Church.

Mr. Banks says the families of many of the students at Eugene Field Elementary School cannot afford bicycles. Some students who did have bikes found they were stolen in the rough neighborhood surrounding the school.

So twice a year, in the spring and fall, Mr. Banks leads a weeklong program at the school. It begins with about 20 students picking used bikes he has repaired. The students also receive new backpacks and helmets.

Those who follow Mr. Banks on a series of five daily rides—up to 15 miles—keep the bikes and riding gear.

“You give a kid a bike or you give a kid 50 bucks, and there’s not the respect for it that there is if that child has earned the bike,” says Mr. Banks. “There’s a great amount of pride and a spirit of feeling of accomplishment.”

Mr. Banks, a petroleum engineer, owns a computer consulting company. But much of his spare time is devoted to riding—and repairing—bicycles.

“Oh, [riding] 25 or 50 miles would not be a problem.

You hit a pace and you stay with it,” says the hardy septuagenarian.

At Mr. Banks’ home, used bicycles are stored in a garage workshop. On the kitchen table is a tool he uses to straighten wheels.



Dick Banks, 77, head of the Bike Club ministry at First United Methodist Church, leads children on a ride through River Park in Tulsa, Okla.

“I love to fix bikes,” he says. “I love to get bikes that are in rough shape and fix them up and then see those kids ride them.”

Cash donations and bikes come from church members and bicycle shops. Sometimes, Mr. Banks finds bikes left on the patio at his home.

The Bike Club started 12 years ago when Mr. Banks teamed up with some of his biking friends and approached school administrators with the idea. The Bike Club is open to students in the fourth and fifth grades. They must apply and be approved by their teachers.

“There’s a lot of bad stuff going on and there’s a lot of mean stuff going on,” Mr. Banks says. “But they can rise above it and I think I can help them rise above it.”

The rides take place on park trails along the scenic Arkansas River.

“It’s like a little bit of freedom, because we get to just get away,” says Tatyana Pizana, 10.

This year, some of the Bike Club members from Eugene Field Elementary will spend two days joining part of the FreeWheel ride, a 450-mile trek across Oklahoma.

“They’ll go camping and stay overnight at some small town, which hosts the FreeWheel group,” says Mr. Banks. “They’ll have a sponsor and some friends. It will be a great, phenomenal, out-of-school, away-from-home experience.”

Third-grader Donovan Williams says he had a bike before, but it was stolen from his home. He plans to ride to school with the bicycle he received from the Bike Club.

“It’s going to mean happiness to me. And I’m going to care about it a lot,” says Donovan.

And leading the young riders keeps Dick Banks young at heart.

“When I’m on my bike, I’m only 18,” he says. “I’m 18 again.”



Banks repairs a used bike in his home garage.

At the end of the session, students compete in races and attend a pizza party—and get T-shirts, award certificates and words of praise.

“It’s important to give those kids encouragement. Because at home, they do not get a lot of encouragement,” says Mr. Banks.

School Principal Cindi Hemm sees a difference in students who participate in the Bike Club.

“Their attendance increases. Their fitness ability increases. Their awareness of their community increases,” she says.



Gabriel Jimenez, a student at Eugene Field Elementary School in Tulsa, Okla., receives a Bike Club certificate from Banks.

Brian Walter Discovers Petroglyphs in Mongolia

Brian Walter, Dallas Chapter member, is accustomed to hunting big game around the world. On a recent hunting trip to Mongolia, he encountered an unexpected and pleasant surprise finding centuries old granite petroglyphs in the mountains of Western Mongolia (see photo). Similar petroglyphs, displayed in the National Museum of Mongolian History in Ulaanbaatar, indicate Ibex goats have been hunted for centuries.

Esther Jacobson-Tepfer, an expert on Mongolian petroglyphs, of the Department of Art History at the University of Oregon, estimates the petroglyphs to be dated from the Iron Age (c.1000-550BC).

Brian and his father, John Walter, who accompanied him on the trip led by their professional hunters and guides, both took trophy Ibex. They stayed in a Ger, the traditional home of the nomads of Mongolia and ate local foods, including mare's milk (a staple of the nomad people). A



satellite telephone was used to keep in touch with those at home.

Mongolia has little infrastructure outside of its major cities. One can drive unimproved roads for hundreds of miles without seeing a fence or hearing an airplane. The high arid desert mountain terrain is the ideal venue for viewing the stars at night.

Brian has been an active SPEE member and currently serves on the SPEE Board and is the current Internet Chairman.

THE ETHICS COLUMN

A petroleum engineer, Sam, with vast experience in the Mid-Continent area with his employer retires and decides to become a consultant. He sets up his practice as an evaluation expert. Early on he is approached by an individual who needs an evaluation of many working interests scattered over the Mid-Continent and Gulf Coast areas. Most of the properties are in the Mid-Continent area and present no problem to Sam; however, a valuable property is located in the Gulf Coast.



This is a sizeable job and very attractive to the newly declared consultant. Sam does not tell his prospective client about his lack of experience with Gulf Coast properties. Sam gets the job.

Sam mulls over the problem of how to handle the evaluation of the Gulf Coast property and, while doing so, remembers that a good friend and classmate works for a company in Houston that has its primary area of operations in the Gulf Coast and may be able to help him. Sure enough, Sam's friend offers to help. Not only that, but his company has recently sold out of the subject field and he still has some files from previous work. Ultimately he supplies a structure map on top of the pay zone and advises Sam on how to determine the extent of the water drive and how to project well performance, advice he follows.

Sam finishes his evaluation report. He does not disclose the help from his friend.

WHAT DO YOU THINK?

Has anyone acted unethically?

Who?

When?

Readers are encouraged to provide written comments to the SPEE Office – Attention: Editor

Buddy L. Sipes

Welcome New Members

Etherington, John R. – Member No. 752

PRA International Ltd.
 Managing Director
 23 Candle Court SW
 Calgary, Alberta T2W 6B5
 Canada
 (403) 251-6542
 prainternational@shaw.ca

Ireland, Mark M. – Member No. 755

Principal Reserves Engineer
 ConocoPhillips
 P. O. Box 2197
 Houston, Texas 77252
 (281) 293-3801
 mark.m.ireland@conocophillips.com

Harris, Billy Wayne - Member No. 753

Wagner & Brown, Ltd.
 Senior Petroleum Engineer
 300 N. Marienfield, Suite 1100
 Midland, Texas 79701
 (432) 686-5931
 bharris@wbltd.com

King, Lucy Baylor – Member No. 756

Senior Reservoir Engineer
 Kinder Morgan CO2 Company, L.P.
 500 Dallas Street, Suite 1000
 Houston, Texas 77002
 (713) 369-9017
 lucy_king@kindermorgan.com

Hubbig, Martin - Member No. 754

RWE Dea AG
 Senior Advisor Reserves
 Uberserring 40
 22297 Hamburg, Germany
 martin.hubbig@rwe.com

Membership Applicants

The following member applicants have been processed by the Qualifications Committee. The bylaws require that names be presented to the membership for at least 30 days as a pre-membership requirement. Any member with an objection should address the objection to the Executive Committee (see bylaws regarding other important details) since the applications have already passed through the Qualifications Committee.

APPLICANT	SPONSOR	APPLICANT	SPONSOR
Gross, William E., P.E. Hunt Oil Company Senior Reservoir Engineer 1900 North Akard Street Dallas, Texas 75201	William Cobb Fred Goldsberry Danny Simmons	Schoville, Nichols Wells Director, Reserves Administration Anadarko Petroleum Corporation 1201 Lake Robbins Drive The Woodlands, Texas 77380	John Butler Richard Rowe James Wilde
LeGrand, Fredrick Peter Advisory Reservoir Engineer Bill Barrett Corporation 1099 18 th Street, Suite 2300 Denver, Colorado 80202	John Benton Jeffrey Delaney Gary Krieger		