



Reservoir

Harold Vance Department of Petroleum Engineering

Texas A&M University

Summer 2007

Capital campaign giving reveals support for department

Two years into our current capital campaign, we have passed the halfway mark in our \$20 million goal. Impressively, even with substantial research support from the corporate sector, more than two-thirds of our contributions have come from former students who care enough to give back to Texas A&M University.

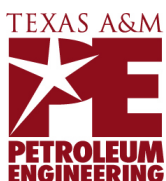
This giving is important to us. Increased oil and gas prices, which have led to increased drilling activity in the industry in the past few years, have also led to an improved job market and substantial growth in our department. In September 2005 we had 338 undergraduate students in College Station and 29 in Qatar. In September 2007, we expect to have 530 undergraduates in College Station and 90 in Qatar. Our graduate program has around 220 students, of which about 70 are taking classes by distance learning.

These enrollment numbers point clearly to a need for us to increase support for our scholarship, fellowship, and research programs at all levels. For more than 50 years, we have given scholarships to all students who have maintained high grades, and the bright students in our program now are as deserving as those of 50 years ago. Undergraduate scholarships monies of approximately \$450,000 will be given to deserving students this coming school year. Unfortunately we are losing some of the best potential graduate students to other programs because they are able to receive a higher level of support through fellowships and grants elsewhere.

This year, we are introducing a planned annual capital campaign to give all of our former students and friends opportunities to show their support for our programs at whatever level of giving is appropriate for them. Our goal is to continue the pattern of major support coming from individuals, although we certainly encourage you to look to your company for matching funds programs, dollars to support research projects, or other investments in our industry's future through its scholars.

See Pages 7 and 8 for a list of donors to this campaign so far; see Page 9 for ways you can give.

— See "Capital campaign," page 11.



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Sporting clay tournament funds will send Aggies to ATCE

Support for activity will provide transportation, meals for student travelers

The student chapter of SPE is planning to use revenue from its 2007 SPE Sporting Clay Tournament Fundraising Event, set for Saturday, 13 October, to send a representative group of juniors, seniors, and graduate students to the ATCE in Anaheim, California in November. The funds raised by this event will help cover transportation and lodging expenses; the greater the revenue, the more students will be able to attend the conference.

The tournament will consist of 30 five-person teams made up of three industry representatives and two students. Company representatives will meet students during the fall recruiting season, and students will interact with working engineers outside of interviews and internships.

This year's tournament will be played on the 10-station sporting clay course at Gunsmoke Shooting Range in Snook. The range features a new 100-bird sporting clay course, trap range, rifle range, five-stand sporting clay course, and pistol range. For more information about the course, see their web site at <http://gunsmokeshootingrange.com>.

Sponsorship at the Platinum (>\$2,500), Gold (\$2,500), Silver (\$1,500), and Base (\$1,000) levels includes

team sponsorship, t-shirts, and additional benefits with increasing contributions. Team spots will be first come, first served.

Sponsorships for hospitality, shotguns, and t-shirts (\$1,000 each) or gifts or stations (\$500 each) do not include team registration.

For more information about the tournament or other ways of giving to support the travel expenses, contact **Natalie Allert**, Tournament Chair, at natalie@pe.tamu.edu or 988.231.0075.

Currie will lead College Station SPE student chapter in 2007–2008

Stephanie Currie will serve as 2007–2008 President of the SPE student chapter in College Station. Other officers are **Cye Cooper**, Vice President; **Christian Click**, Treasurer; **James Ruiz**, Secretary; and **Afolabi Amodu** and **Aizhana Jussupbekova**, Graduate Student Representatives.

Current officers for the Qatar campus will continue to serve until after elections in October.

TAMUQ campus hosts first student paper contest

TAMUQ junior **Meghan Mohan** placed third in the SPE Middle East Region student paper competition in March. Junior **Lama Al-Oreibi** also represented TAMUQ at that event.

On the same day, more than 40 professionals from 13 companies judged the first TAMUQ Student Paper Contest at Doha. ExxonMobil sponsored the entire contest.

Because both petroleum engineering and mechanical engineering students take the junior-level technical writing course, all 22 students in both departments competed in four contest sections.

First place winners were **Mohamed Al-Marri**, **Sara Al-Saadi**, **Reem Al-Mansoori**, and **Mohamed Daghbag**. Second place winners were **Nayla Al-Malki**, **Amna Al-Tayeeb**, **Nikhil Shanbhag** and **Ameer Khader**. Winners received both cash prizes and 1-gig thumb drives from ExxonMobil.

Judges who responded to a short survey form commented on the high quality of the presentations, especially for students midway through the junior year, and the good organization of the contest.

Contest organizers included Mahmood Amani, Mashhad Fahes, and Hadi Nasrabadi.



Dan Cox of ExxonMobil congratulates Mahmood Amani for a successful first student paper contest at TAMUQ.

Departmental graduation activity takes on new look

Graduation activities took on a new look in the department this spring as junior students organized a special morning for graduates leaving the department.

Rather than merely the typical awards ceremony from recent years, this year's activity featured a brunch for all graduating students and their guests, and graduates received paperweights with the departmental logo as mementos of their years with us.

In the traditional awards ceremony, Student Chapter President **Gavin McQueen** received the Robert L. Whiting Outstanding Student Award, and **Blake Sullens** received the Faculty Award of Excellence for the top GPA among undergraduate students. **Namit Jaiswal** and **Brandee Elieff** received the Faculty Award of Excellence for doctoral and master's study, respectively.

Senior **Brandon Davis** received the Albert B. Stevens Memorial Award, which is given to help deserving students with financial need to make the transition from student to practicing engineer. **Casey**

Broome received the Harold Vance Award for most improvement in academic grades over the course of his studies.

Because the petroleum project evaluation course was taught at both the junior and senior levels this year, stock investment contest winners included both senior **Miguel Cordova**, with an average return of 13.5%, and junior **Stephen Duncan**, with an average return of 15.1%, on a simulated realistic investment in a 401K program.

Senior design course students compete in designing an integrated reservoir study, applying knowledge and technology attained in previous courses. Overall winners of the competition included **Eimund Fjeldskaar**, **Kellen Skinner**, **Blake Sullens**, and **Ruth Tschirhart**; winners from the two other sections are **William Elsener**, **Glynn Bronaugh**, **Jordi Alcalá**, and **Mohamed Somrani**, and **Casey Broome**, **Lane Neal**, **Jenny Vorpahl**, and **Jennifer Wilson**.



Aggies top regional student paper contest

Aggies took top places at the 2007 Gulf Coast Regional Student Paper Contest in Baton Rouge, Louisiana this spring. From left to right, the team included Gani Sagingaliyev, second place, BS; Maysam Pournik, third, PhD; Gina Melendez, second, MS; Francois Florence, MS; Darla-Jean Weatherford, presentation coach; Dayo Oyerinde, first, PhD; and Sara Coulthard, first, BS. Dayo and Sarah will represent the region at the international competition at the ATCE in November.

College Station SPE Student Chapter plans active year

College Station group offers opportunities for participation in, sponsorship of upcoming projects

The SPE student chapter prides itself on is the continual support from industry through participation in events and monetary donations. The calendar for this year shows where participants and/or a sponsor has already been designated or is needed.

If you or your company is interested in sponsoring or participating in one of these events, you can contact chapter president Stephanie Currie at stephanie.currie@pe.tamu.edu or 281.813.9872.

Fall 2007 Events

- **Welcome Back BBQ** — Friday, 31 August: Catered dinner. Sponsored by Apache.

- **Career Enhancement Event** — Saturday, 15 September: Morning presentations, afternoon open house. Participation by invitation.

- **Women In Industry Seminar** — Tuesday, 9 October: Panel discussion.

- **Sporting Clay Tournament** — Saturday, 13 October: Fundraiser for ATCE 2007 trip to Anaheim, California. Teams mix industry representatives and students. Sponsorship levels range from \$500 to \$2,500+. For more information, see story on Page 2 or contact Natalie Allert, Tournament Chair, at natalie@pe.tamu.edu or 988.231.0075.

- **ATCE 2007** — 11 to 14 November: Transportation and hotel accommodations for junior, senior, and graduate level students to attend the conference in Anaheim, California. Sponsors needed.

- **Football Tailgates** — Football Season: Pre- and post-game BBQ and refreshments. Sponsored by Schlumberger.

- **Field Trip** — TBD. Sponsored by ConocoPhillips.



Department Head Steve Holditch and TAMUQ Student Chapter President Lama Al-Oreibi visit with Schlumberger Chairman and CEO Andrew Gould during his March visit to campus. Andrew spoke to graduate students before an open reception in the Zachry Building, then spoke at the SPE Student Chapter meeting that evening. Lama was on campus as a part of the spring student exchange between the College Station and Doha campuses.

Spring 2008 Events

- **Welcome Back BBQ** — Friday, 18 January. Sponsored by ConocoPhillips.

- **Transition Event** — Tuesday, 08 April: Panel discussion group provides guidance for graduating students on the transition from student to professional life. Participants needed.

- **Internship Workshop** — Tuesday, 08 April: Advice for students interning during the upcoming summer. Participants needed.

- **DVG Memorial Golf Tournament** — TBD: Fundraiser for the Doug von Gonten scholarship endowment. Scramble teams mix industry representatives and students. Sponsorship levels range from \$400 to \$12,500+. Sponsorship information will be sent out during the early part of February 2008.

- **Scotty's House** — TBD: SPE cooks and sells hamburgers and sausages to raise money for Scotty's House, a child advocacy center in Bryan. Sponsored by Apache.

Fall & Spring Events

- **General Meetings** — Bi-weekly presentations from industry representatives or panels, usually focused around topics concerning the future of the industry or new technology. Participation by invitation.

- **Finals Study Break** — Dinner in the student lounge, allowing those students studying to take a break. Sponsors needed.

- **Lunch & Learns** — Monthly meetings to provide students information on new technologies. Participants and sponsors needed.

- **Public Energy Education Committee (PEEC)** — Committee members visit K-12 schools in the local and Houston area to give 30-60 minute to 1-hour presentations that include information on types of energy and processes involved in the production of oil and gas, and interactive demonstrations. Sponsors needed.

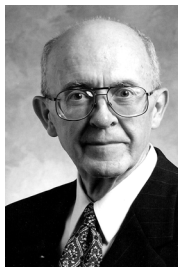
- **Richardson Building Student Area Improvements** — Contributions of items that pertain to the petroleum industry, framed pictures, furniture, chairs, books, magazines, or funds to improve look and function in student areas. Sponsors needed.

- **Socials** — TBD: Fall events include a Halloween social, bowling night, and winter holiday social. Spring events include a chili cook-off, crawfish boil, and end-of-year farewell dinner. Sponsors needed.



Senior Cecilie Vika and graduate student Gina Melendez serve up lunch for Damon Bach, a graduate student in history at the SPE student chapter barbecue to support Scotty's House, a child advocacy center in Bryan. The students raised over \$1,000 for the charity.

Lee named to SEC academic fellowship



Lee

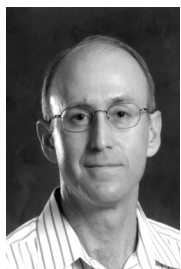
John Lee has been selected for a new, 12-month academic fellowship with the Security and Exchange Commission (SEC).

“My job will be to review guidelines for determining oil and reserves,” John said. “Some people in the industry believe that the guidelines, which were implemented in 1978, might need to be revisited after almost 30 years.”

In an article published in the *Wall Street Journal* in May 2007, SEC spokesman John Heine said that placing an academic in this position will give the SEC “a different perspective” on existing SEC guidelines. John Lee brings to the position not only his expertise from decades of industry involvement with production forecasts but also his experience as a member of the SPE Board of Directors. SPE has recently published a new set of reserves definitions that the *Wall Street Journal* article cited as a possible basis for re-examining the SEC rules.

John will serve in Washington from 1 September 2007 to 31 August 2008.

McVay selected for SPE distinguished membership



McVay

Duane McVay has been selected as an SPE Distinguished Member. In addition to authoring 50 papers and presentations, Duane has made important contributions to the strength of our program, especially at the undergraduate level where he has served as course coordinator for our capstone design courses. He also developed the

highly praised database we use to collect and evaluate data for ABET accreditation.

He has designed classrooms that better support course teamwork activities and a laboratory that supports sophisticated projects in reservoir simulation. His students find his courses as challenging as they are instructive, and they know they can leave this program prepared to meet the challenges of the industry.

DOE Highlights Datta-Gupta's Simulation

Research Project

Akhil Datta-Gupta led a research team that designed computer simulation techniques to help trace the path of fluids through reservoir rock in a \$630,000 Department of Energy (DOE) project, **highlighted on the DOE website in a recent press release.**



Datta-Gupta

The project used sophisticated chemical tracers known as “partitioning tracers” that can selectively follow a specific fluid in the reservoir. These tracers allow operators to distinguish between oil and water flowing through the reservoir rock.

A key element of the project was to utilize procedures developed for processing seismic signals to accelerate the way a computer traces streamlines. Streamlines are mathematical representations of the paths fluids take in a reservoir during production. This approach is expected to be 10 to 1,000 times faster than previous methods.

The Aggie research team partnered with a U. of Texas team to complete the research project.

Reservoir

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is published by

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Barrufet, Valkó appointed to endowed positions

Maria Barrufet has been appointed holder of the Baker Hughes Endowed Chair in Petroleum Engineering and **Peter Valkó** has been appointed the holder of the L.F. Peterson Endowed Professorship.

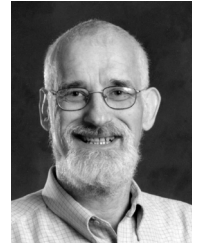
Maria is a Professor, Assistant Department Head for Administration, and Director of Distance Learning. Her research efforts include projects as diverse as converting oil-field brine to irrigation-quality water, optimizing oil production from gas-condensate fields, and developing software for thermal simulation.



Barrufet

Principal or coprincipal investigator on projects sponsored by the Department of Energy and various oil companies in the areas of improved oil recovery using thermal and chemical methods, Maria has over 50 publications in the areas of thermodynamics, phase behavior and phase equilibria of fluid mixtures, profile modifica-

tion, neural networks, and polymer flooding. Peter's primary interest is stimulation of hydrocarbon-producing wells. His activities involve design, optimization and evaluation of hydraulic fracturing operations, and he has authored a textbook on hydraulic fracturing. Peter is also an expert on the rheology of fracturing fluids with special emphasis on foams.



Valkó

Peter additionally conducts research into mathematical modeling, identification and optimization of processes involving fluid flow, elastic deformation, phase transition, and chemical kinetics.

A member of the Well Completions Technical Committee of the Society of Petroleum Engineers, Peter has recently been named to the editorial board of *SPE Journal*.

Five new faculty join department

Growth in the department combined with university support for increasing faculty has drawn five new members to our faculty.

Ahmad Ghassemi brings 10 years' experience in rock mechanics, most recently at the U. of North Dakota. Author of 40 papers and presentations, Ahmad is currently working on a \$300,000 DOE project to investigate reactive flow and fracture propagation in geothermal systems.

Bob Lane has more than 35 years of professional experience, including 9 years in academic positions. He has used his expertise in R&D and asset management to solve major production problems.



Ghassemi



Lane



Voneiff



Moridis



Xiong

George Voneiff is also former student and a recent addition to our Industry Board; please see more information on Page 13.

George Moridis and **Hongjie Xiong** are adjunct professors assisting with research.

George has been a research leader at the Lawrence Berkeley National Laboratory for the past 10 years, serving concurrently for much of that time as an adjunct professor at Colorado School of Mines and Middle East Technical U. He developed the TOUGH-Fx/HYDRATE code for the simulation of hydrate dissociation and overall behavior in porous media.

Hongjie has more than 18 years' experience in

petroleum engineering including well stimulation, well completion, reservoir geological and dynamic modeling, applied reservoir engineering, and production engineering.

Capital Campaign Gifts

Individual Gifts

Jim K. B. Nelson '49	Faculty Recruitment
Jack E. Brown '46	Whiting Fund
George P. Mitchell '40	Whiting Fund/Scholarship
John Bethancourt '74	Professorship
Mike ('80) and Heidi Gatens	Professorship
Ag Horn Energy/Frosty Gilliam '80	Professorship
George Hickox '80	Professorship
George ('83) and Joan Voneiff	Fellowship Fund
Bill Conley '62	Planned Gift
Larry A. Cress '76	Planned Gift
Julia and Mark Ellis '79	Von Gonten Scholarship
Dennis Johnson, Tim Leach, St. Mary Land & Exploration, Henry Petroleum, T. Best, others	Petroleum Engineering Award for Excellence in Teaching
Terry Rathert '75	Fellowship
Dora Rose and Leonard Leon '45	Planned Gift
Rollins Rubsamen '55	Planned Gift
Mark Semmelbeck (Battlecat)	Von Gonten Scholarship
Bill and Kelly Von Gonten	Faculty Fellowship
James H. Wilkes	Scholarship
Mark Albers (ExxonMobil)	Scholarship
John and Debbie Bethancourt	Nelson Scholarship
Deupree Foundation (Bill '83 & Tracey Deupree)	Nelson Scholarship
Jim and Ann Ginnings	Scholarship
Dona and Mike Glynn	Nelson Scholarship
Stephen A. Holditch '69	Fellowship
Tim Leach '80	Whiting Fund
Terry Rathert '75	Nelson Scholarship

Received in 2006—2007

Joe C. Richardson '49	Scholarship
John D. Schiller '81	Nelson Scholarship
Ted H. Smith, Jr. Scholarship	Scholarship
Scott and Jeannette Stevenson	Nelson Scholarship
[Multiple sources]	Scholarship Honoring Steve Wade
Greg A. Bird '82	Upgrade to Nelson Scholarship
David D. Dunlap '83	Fellowship
Jimmie D. Harrington '47	Upgrade to Nelson Scholarship
Steve Horn '79	Fellowship
Lillian and Mark Houser '85,'83	Scholarship
Industry Board/Faculty	Other
Mrs. Lenora Locke	Planned Gift
Wanda and Cliff Parker	Scholarship
Arthur and Edna Pinson	Scholarship
Earl E. Rossman '54	Scholarship
Cathy and Glen Sliva	Scholarship
Fred G. Walsh '74	Scholarship

Corporate / Company Gifts

Chevron	Crisman Institute
Halliburton	Crisman Institute
Schlumberger	Crisman Institute
Burlington Resources	Computers
Battlecat Oil and Gas LP	Von Gonten Scholarship
Chesapeake Energy Corporation	Scholarships
St. Mary Land & Exploration	Nelson Scholarship

Ways You Can Give

You can make gifts to the department to support any of our projects. Here are a few suggestions:

Support our undergraduate scholarships

by contributing to our general funds or by establishing an endowed scholarship at any of three levels:

- Minimal endowment of \$20,000.
- Nelson Scholarship endowment of \$60,000.
- Von Gonten Scholarship endowment of \$120,000.

Support our graduate fellowships

by contributing to our general funds or by establishing an endowed fellowship at either of two levels:

- Individual endowment of \$100,000 or more.
- Contribution to Richard A. Morse Fellowship fund. As it grows, this fund is used to grant fellowships to deserving graduate students in Dr. Morse's memory. Dr. Morse was a respected reservoir simulation professor whose efforts almost single-handedly transformed the department into a major research organization for petroleum engineering research.

Support our technologies

by contributing to the Whiting Technology Fund, which has been established to ensure that our students have the best technology to use in class and in research.

Support our teaching efforts

through one of two major approaches:

- Faculty fellowship funding to support the efforts of our new faculty who do not yet qualify for endowed professorships or chairs.
- Efforts to modernize and update our classrooms with new teaching tools, including distance learning equipment.

Provide unrestricted funds of any amount.

These funds can be used at the discretion of the department head to support any of our teaching, research, or operational needs.

You can make your contribution through any of several convenient arrangements, most of which will lead to rewards in the form of tax deductions or other savings, and most of which will count as contributions to our current \$20 million development campaign. For information, contact Steve Holditch (holditch@tamu.edu or 979.845.2255), Kathy Beladi (kathy@pe.tamu.edu or 979.845.2243), or Sara Lillehaugen (saral@tamu.edu or 979.845.5113).

Battlecat Oil and Gas endows Von Gonten scholarship

COLLEGE STATION – Battlecat Oil and Gas LP has pledged \$120,000 to endow a petroleum engineering Von Gonten scholarship.

“A&M played a big part in our success and we want to help students pursue the kind of career we have enjoyed,” said **Mark Semmelbeck**, principal in the Midland-based company. He and **Kurt von Plonski** were recognized for the Battlecat gift at a departmental banquet earlier this year.

“The petroleum engineering department has historically given scholarships to all our undergraduate students who excel scholastically. Because our enrollment is increasing and we are attracting very high caliber students, we have a need for additional funds of this type. The scholarship from Battlecat Oil and

Gas will help us recruit and retain the type of students we need,” said **Steve Holditch**, department head and holder of the Samuel Roberts Noble Foundation Endowed Chair.

Battlecat specializes in exploitation of low permeability gas reservoirs. The firm was founded in 1999 by Semmelbeck and von Plonski, class of 1983 petroleum engineering classmates.

The Battlecat scholarship, funded through the Texas A&M Foundation, is part of the Von Gonten Scholarship Program, named for the late Douglas Von Gonten, an influential department head whose 14 years of service resulted in unprecedented growth of petroleum engineering at Texas A&M.

Capital campaign provides opportunities for giving back

(Continued from Page 1)

Our major interest with this annual giving is support of our students, either through scholarships for the undergraduates or fellowships for graduate students. Our best scholarships are competitive with those other schools offer, but with our growing enrollment, we simply don't have enough of them.

As the acknowledgements on Pages 8 and 9 of this issue show, many of our individual donors have funded scholarships. Endowed scholarships can start at \$20,000, which will supply approximately \$1,000 per year to a student. Our Nelson Scholars program requires an endowment of \$60,000, which provides a \$3,000 per year scholarship. Finally, our new Von Gonten Scholars program requires \$120,000 and will provide a \$6,000 per year scholarship. Individuals can endow scholarships separately or band together and endow scholarships to honor friends, mentors, teachers, or others. If you wish, you can contribute smaller amounts to our general scholarship or operations funds.

If you share our concern for the future of technology development, you may want to consider contributions for graduate study and research. To attract the best graduate students to our program, we need to be able to offer attractive fellowships and assistantships.

Currently, our scale of \$2,000 to \$4,000 per year per student is not competitive with other schools; we need to be able to offer \$5,000 to \$20,000 for each year of study with us. These larger offers also require larger endowments that may be achieved through group giving by classmates or companies.

We are pleased with the research projects underway now in our Crisman Institute, and we look forward to a healthy program in the future. If your interest is in supporting research efforts, you can help us by working with your company to support the Crisman Institute by joining as a member.

Finally, in this day of rapidly developing technologies, we have a continual need to update computer hardware and software. Even a small gift to our Whiting Technology Fund can help ensure that our students and faculty have the resources they need for optimal learning and research experiences.

For more information about how to give, contact Steve Holditch (holditch@tamu.edu or 979.845.2255), Kathy Beladi (kathy@pe.tamu.edu or 979.845.2243), or Sara Lillehaugen (saral@tamu.edu or 979.845.5113).

Industry Board adds members

The Industry Board has added nine new members to help advise departmental decisions about research opportunities and curriculum needs and to help identify and contribute to fund-raising opportunities. Members serve on committees focusing on research, jobs for our students, and fundraising opportunities.



Bird

Gregory A. Bird '82 is President and owner of Jetta Operating Company, Inc. He cofounded the company as Jetta Production Company, Inc. in December 1991.

Prior to founding Jetta, Greg worked for Hunt Energy Corporation and Cawley, Gillespie & Associates in areas of reservoir engineering, reservoir management and economic analysis. He became a partner with Cawley in January 1989.

Jeff Coburn '82 is US Region Technology Manager for Halliburton Energy Services. He manages the field engineering and technical sales groups across the US.



Coburn

Jeff has been with Halliburton since September 1982 where he started as an engineer in training in Wichita Falls, Texas. Since then he has served in various technical, sales and management roles in the company. Jeff is a 1982 graduate of Texas A&M University with a BS in Chemical Engineering.



Gilliam

Frosty Gilliam Jr. '80 is President of Aghorn Energy, Inc. Frosty worked from 1987–1988 for an independent producer as the Vice-President of Acquisitions.

From 1984–1987 he was the Production/Engineering Manager for Oxoco Inc., and from 1980–1984 he worked as a Production/Reservoir Engineer for Amoco Production Co.

William M. (Bill) Griffin '81 is Senior Vice President of the Onshore Division/Midstream Operations of El Paso Production Co. Bill has 24 years of experience in upstream, multidisciplinary engineering and management.



Griffin

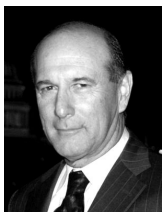
His technical background includes varied experience in reservoir, acquisitions, drilling, completions, and production. His management responsibilities include various engineering and operations groups, as well as fully integrated E&P business units.

Glenn D. Hart '78 is CEO and a cofounder of Laredo Energy. Glenn was previously CEO of MPC, which he established in August 1982. After selling MPC to Calpine Natural Gas in August 2001, Glenn and his partners founded Laredo Energy to acquire and develop natural gas reserves in south Texas.

Since its inception in 2001, Laredo Energy has drilled 82 wells in Webb and Zapata Counties, and continues to drill 20 to 30 wells per year.



Hart



Kleemeier

Henry G. (Buddy) Kleemeier '66 is President and CEO of Kaiser-Francis Oil Co., a privately owned independent exploration and production company with headquarters in Tulsa, Oklahoma. Kaiser-Francis and its subsidiaries operate producing properties in 13 states and two provinces in Canada.

Buddy is also involved in the management of Excelerate Energy, which operates the world's first offshore deep water port for liquefied natural gas, located in the Gulf of Mexico approximately 116 miles south of Sabine Pass. In November 2007, Buddy will

for coming 3 years of service

become the President of the Independent Petroleum Association of America.

During the last 15 years Buddy has developed and maintained an ongoing analysis and study of North American natural gas supply and demand, and has addressed his findings and conclusions on this subject to numerous groups.

Richard Morrison '80 has recently been appointed Vice President of Safety and Technology for BP's Gulf of Mexico business. He is an Aggie Petroleum Engineer, class of 1980, with extensive US and International technical and business leadership experience.

Richard has spent over half of his 27 year career working internationally in engineering and operations leadership roles in the Netherlands, Congo, Egypt, United Arab Emirates and Venezuela. Recent leadership roles have included Technical Director for BP's North American Gas Business, Vice-President of BP's Western US Gas Operations, President of BP's Northern Emirates E&P Business, and President of BP's Venezuela E&P Business.

W.D. (Bill) Von Gonten Jr. '88 founded W.D. Von Gonten & Co. in 1995, having worked 10 years internationally for a major oil and gas consulting firm. He is a third-generation petroleum engineer in a distinguished engineering family.

Bill was awarded U.S. Patent No. 4,944,349 for his invention of a downhole production tool used in paraffin problem oil wells. At the 1992 Department of Energy Symposium, he presented a technical paper on the use of type-curve analysis to estimate reserves on Austin Chalk horizontal wells.

He has given numerous talks and seminars on petroleum cash flow systems and the outlook on domestic and international exploration and production.

George Voneiff '83 is currently a Senior Lecturer in the Department. George is former President and COO of MGV Energy Inc., the Canadian subsidiary of Quicksilver Resources.

George has been heavily involved in tight gas, coalbed methane, and fractured shale technology development and exploitation for over 20 years, publishing numerous technical papers, teaching industry schools, and directly leading large operational developments.

He is known for having developed "moving domain" technology, combining traditional reservoir engineering and spatial characteristics. This technology has been deployed throughout the world to optimize infill well locations and is especially useful in tight sand reservoirs.



Morrison



Von Gonten



Voneiff

Bethancourt appointed to Foundation Board of Trustees

John Bethancourt, a 1974 petroleum engineering graduate and executive vice president for Chevron Corp., has been appointed to the Texas A&M Foundation Board of Trustees for a 7-year term that began in July.

The Dallas native brings to the board a long association with Texas A&M and has been an active volunteer and benefactor of the university since his graduation in 1974.



Bethancourt

With his wife, Deborah, a 1976 Texas A&M graduate, John has funded two scholarships in petroleum engineering through the Texas A&M Foundation, including a President's Endowed Scholarship and a professorship in petroleum engineering. The couple also created the C.O. Smith '50 Endowed Scholarship in Horticulture, in honor of Deborah's father, to assist deserving students studying floriculture.

He was named a 2007 Dwight Look College of Engineering Outstanding Alumnus and serves on the department's Industry Board and the university's International Programs Board.

He was regional cochair for Texas A&M's successful 7-year One Spirit One Vision Campaign and is a member of the university's Vision 2020 strategic planning committee and the Foundation's A&M Legacy Society, which includes donors who have given more than \$100,000 to benefit Texas A&M.

"I'm excited to be joining such a distinguished group of trustees," said Bethancourt. "The Texas A&M Foundation is a conduit through which private funds from our former students and friends flow. The support it provides is critical to the students, faculty and programs that distinguish Texas A&M. I'm ready for the responsibility and look forward to expanding the Foundation's endowment portfolio."

BJ Services Names Dunlap Chief Operating Officer

Oilfield services provider BJ Services Co. has named **David Dunlap** as chief operating officer and executive vice president.

David has worked for BJ Services for 22 years, most recently as the company's vice president of international operations. From May 1984 until November 1995, he served in a variety of engineering, operations, and management positions for BJ Services. In 1995, he was named President of the company's International Division and continued in this role until assuming his current responsibilities in March 2007.

David is a member of SPE, the Independent Petroleum Association of America Education Foundation Board, the Texas A&M U. Petroleum Engineering Industry Board, the Texas Tech U. Petroleum Industry Advisory Board, The Woodlands Children's Museum Board of Directors, and the American Petroleum Institute. He earned a BS degree in petroleum engineering from Texas A&M.

Judah promoted to President of Chevron's Environmental Management Co.

Janeen Judah, has been named to the position of President of the Environmental Management Co. (EMC), replacing Daniel Rocha. In her new position, Janeen will oversee the global environmental liability management program for Chevron Corp., the environmental remediation and abandonment services provided to Chevron Operating Co., and the development of EMC professionals and organizational capability.

Janeen obtained her BS and MS degrees in petroleum engineering from Texas A&M and her MBA from the U. of Texas of the Permian Basin. She also holds a law degree from the U. of Houston.

She joined Texaco in 1998 after 17 years of industry experience and was promoted to General Manager, Reservoir Performance Optimization (now Reservoir and Production Engineering) for Chevron's Energy Technology Co. (ETC) in Houston in August, 2004.

Janeen was also a board member of the Society of Petroleum Engineers International (representing Gulf Coast North America Region for 2003-2006) and was named a Distinguished Member of the Society of Petroleum Engineers in 2003.



Judah

Bird endows Nelson scholarship

Greg Bird, President and owner of Jetta Operating Co. Inc. in Fort Worth, has endowed a \$60,000 Nelson scholarship. His gift creates the Gregory A. Bird '82 Scholarship.

"Talented, focused and hard working students are truly the future of this industry. I am delighted to be able to help them, in a small way, achieve their goals and to give a little something back to Texas A&M." said Bird.

Bird was named outstanding senior petroleum engineering student and received the Robert L. Whiting Award when he graduated magna cum laude in 1982.

He began his career with Hunt Energy Corp. working in Houma, Louisiana, and Dallas. In 1983 he joined Cawley, Gillespie & Associates Inc. in Fort Worth, advancing to partner.

Bird then co-founded Jetta Production Co. Inc., now Jetta Operating Co. Inc., in December 1991. Jetta Operating Co. Inc. is a privately held oil and gas company operating properties in the onshore Gulf Coast, Permian Basin, Mid-Continent and Rocky Mountain producing regions.

Bird is also co-founder of Houston-based Journey

Oil & Gas LLC, with principal operations in the Appalachian region.

Williamses endow engineering scholarships

Walter and Betty Williams have given \$500,000 to create five scholarships for engineering students, with a preference for Corps of Cadets members.

A petroleum engineering graduate, Walter was elected to Tau Beta Pi Engineering Society his junior year. He is now vice chairman and a director of Houston-based Cheniere Energy Inc. and president of Cheniere LNG Inc. Cheniere develops receiving terminals for liquefied natural gas along the Texas and Louisiana Gulf coasts.

Perspectives

By Steve Holditch

In this edition of Reservoir, we have highlighted our capital campaign. Let me give you a few numbers to explain why the capital campaign is so important to us. Much of this information can be found in our revised Five-Year Plan that you can download from our web site, www.pe.tamu.edu.



Holditch

During Fiscal Year (FY) 2006 (1 September 2005 to 31 August 2006), we spent around \$8.7 million to run the department. Around \$2.87 million came from the State of Texas, which is only 33% of the money we need. The remaining 67% came from gifts, endowments, and research funding. The total annual payroll for faculty and staff in our department was around \$4.4 million, and our annual operating expense was around \$1 million. The difference of \$3.3 million, was money that was used primarily for research and student support. We have over 100 graduate students on the payroll doing research or supporting teaching. As you might expect, our expenditure budget for FY2007 and FY2008 will be larger than FY2006, but the percentages will not change. We get 33% from the State of Texas, and we have to go find the other 67% every year.

It goes without saying that without support from our former students and friends in the form of gifts, endowments and research contracts, we would have to severely scale back operations in the department. Of course, this statement is true of virtually all other departments in the College of Engineering at Texas A&M University. We in the Department of Petroleum Engineering are fortunate to have loyal alumni and supporters who seem to step up and support us every year.

When we started this current capital campaign less than 3 years ago, we set the goal at \$20 million, mainly in the form of endowments. Currently, we have received around \$10.2 million, and we have about \$2.8 million in pledged endowments, where the paperwork is being finalized. That leaves us with the need to find another \$7 million to reach our goal. Our main needs are money for scholarships and fellowships, money for the Whiting Technology Fund, and money to support our new faculty members.

As you know, the Association of Former Students primarily raises money with an annual giving campaign and the familiar Century Club. We have been looking for a few large donations to get closer to our capital campaign goal, but we have also decided to initiate an annual campaign to allow all our alumni and supporters to contribute at any level they can afford. We have included an envelope in this edition of the Reservoir that you can use to make your annual donation to the department. I am sure everyone appreciates the education you received in the Department of Petroleum Engineering at Texas A&M University and will support us in a way that we can keep up the tradition of turning out Petroleum Engineering graduates who can hit the ground running and solve the tough problems facing our industry.

If you can help us individually, I encourage you to do so. Some of our alumni are organizing their "Aggie Buddies" to give class gifts or company gifts. Almost anything can be accommodated. Let me hear from you if you want to know more about how you can help the department.

Petroleum Engineering Annual Giving Campaign

If you would like to join in supporting scholarships, fellowships, program development, and technology, your gift is welcome!

To donate, please return this form and a check payable to the:
TAMU Department of Petroleum Engineering

Send to:
Kathy Beladi
Petroleum Engineering
Texas A&M University
3116 TAMU
College Station, TX 77843-3116

Name _____ Grad Year _____ Degree _____
Address _____ email: _____

City _____ State _____ Zip _____ Country _____

Yes! I would like to make a direct contribution to the Harold Vance Department of Petroleum Engineering. Please direct my gift as indicated:

General Program Fund Scholarship Fund Technology Fund
Donation Level
 \$100 \$150 \$250 \$500
 \$1,000 \$2,500 \$5,000 Other _____

Please make check payable to the TAMU Department of Petroleum Engineering.
Thank you for supporting Petroleum Engineering at Texas A&M!

