

Curriculum Vitae
for
BLASINGAME, Thomas Alwin (Tom)
Department of Petroleum Engineering
Texas A&M University
August 2006

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Personal Data

BLASINGAME, Thomas Alwin (Tom)
Professor (with tenure)
Department of Petroleum Engineering
Texas A&M University



Family Data:

Thomas Alwin Blasingame, Ph.D., P.E.
Jennifer Blasingame, M.D. (Obstetrics/Gynecology)
John Alwin Blasingame
Patricia Eugenia Blasingame

Date of Birth:

01 August 1962
28 April 1966
25 June 1998
17 March 2000

Place of Birth:

Lake Charles, LA
Houston, TX
Houston, TX
Houston, TX

Citizenship:

United States
United States
United States
United States

Business Address:

Department of Petroleum Engineering
Texas A&M University
College Station, TX USA 77843-3116
(Physical address: 815 Richardson Bldg., corner of Spence and Ross streets)

Business Contact Information:

Main: +1 979.845.2241
Direct: +1 979.845.2292
Fax: +1 979.845.7142
E-mail: t-blasingame@tamu.edu

Home Address:

501 Kerry Street
College Station, TX 77840

Personal Contact Information:

Home 1: +1 979.696.2964
Home 1: +1 979.696.2764
Cell: +1 979.255.8808

Education

Ph.D. — Petroleum Engineering, Texas A&M University, 1989
Dissertation Title: *Analysis of Tests in Wells with Multiphase Flow and Wellbore Storage Distortion*
M.S. — Petroleum Engineering, Texas A&M University, 1986
Thesis Title: *Variable Rate Analysis: Transient and Pseudosteady-State Methods of Interpretation and Application*
B.S. — Petroleum Engineering, Texas A&M University, 1984
H.S. — LaGrange High School, Lake Charles, LA, 1980

Academic Experience

2005:	<i>Professor</i>	Department of Petroleum Eng.	Texas A&M U. (College Station, TX)
1996 - 2005:	<i>Associate Professor</i>	Department of Petroleum Eng.	Texas A&M U. (College Station, TX)
1991 - 1996:	<i>Assistant Professor</i>	Department of Petroleum Eng.	Texas A&M U. (College Station, TX)
1989 - 1990:	<i>Research Associate</i>	Department of Petroleum Eng.	Texas A&M U. (College Station, TX)
1984 - 1989:	<i>Graduate Assistant</i>	Department of Petroleum Eng.	Texas A&M U. (College Station, TX)

Professional Summary

10-Second Summary:

Dr. Tom Blasingame is a Professor in the Department of Petroleum Engineering at Texas A&M University in College Station Texas. He holds B.S., M.S., and Ph.D. degrees from Texas A&M University — all in Petroleum Engineering. In teaching and research activities — Dr. Blasingame focuses on petrophysics, reservoir engineering, analysis/interpretation of well performance, and technical mathematics.

Dr. Blasingame's research efforts dealt with topics in applied reservoir engineering, reservoir modelling, and production engineering. Dr. Blasingame has made numerous contributions to the petroleum literature in well test analysis, analysis of production data, reservoir management, and general reservoir engineering (e.g., hydrocarbon phase behavior, natural gas engineering, inflow performance relations, material balance methods, and field studies). To date (2006), Dr. Blasingame has graduated 37 M.S. (thesis), 24 M.Eng. (report, non-thesis), and 8 Ph.D. students.

Dr. Blasingame devotes much of his time to professional service — particularly in service to the Society of Petroleum Engineers (SPE) (he is a Distinguished Member) and to Texas A&M University — as well as the Society for Exploration Geophysicists (SEG) and the American Association of Petroleum Geologists (AAPG). Dr. Blasingame has prepared over 70 technical articles, has served as an SPE Distinguished Lecturer, and he has chaired numerous technical meetings. Dr Blasingame also served as Assistant Department Head (Graduate Programs) of the Department of Petroleum Engineering at Texas A&M from 1997 to 2003.

Professional Summary (Continued)

For specific technical contributions to petroleum technology, Dr. Blasingame is noted for the following developments:

Production Data Analysis:

- Model-Based Production Data Analysis (SPE 21513, 25909, 28688, 30774, 35205, 71514, 84287)
- Performance-Based Reservoir Characterizations/Field Studies (SPE 29594, 56487, 77758, 84282, 84475)
- Semi-Analytical Analysis/Modelling of Production Data (SPE 15018, 15028, 16853, 25479, 80907)
- Simplified Analysis of Gas Well Production Data (SPE 35268, 77465, 77550, 98042)

Well Test Analysis:

- Convolution/Deconvolution of Well Test Data (SPE 19099, 21826, 27641, 95571)
- Estimation of Average Reservoir Pressure from Well Test Data (SPE 29584, 38725)
- Pressure Integral Analysis Methods for Well Test Data (SPE 18799, 20535, 27685)
- Pressure Behavior of a Vertically Fractured Well (SPE 26424, 28392, 96785, 100578, 100586)

Reservoir Engineering/General:

- Analysis of Water-Oil Ratio (WOR) Data (SPE 77569)
- Material Balance Analysis Methods for Abnormally-Pressured Gas Reservoirs (SPE 71514)
- Phase Behavior of Petroleum Fluids (CIM 97-93, SPE 51086, 75721)
- Petrophysics (SPE/IPTC 10994)

Professional Biography

Teaching:

Dr. Blasingame is an "active engagement" teacher —as opposed to relying on the lecture/examination process, he calls students by name to participate, and he typically poses "concept questions" (*i.e.*, How does something work? What are the components? What can we do to make this process better?). Dr. Blasingame is very demanding — but with a purpose. He prepares copious notes for lectures and utilizes these notes for orientation and application of a concept. Dr. Blasingame is somewhat unique in his teaching style of "active engagement," humor, and intellectual challenge to the student. Teaching is one of Dr. Blasingame's passions — he sees his role as a coach or a guide — however, when necessary, he can also serve as drill sergeant, nurse, and/or psychologist. In short, Dr. Blasingame is willing to do just about anything to engage and challenge a student to ensure that they meet their goals. Dr. Blasingame's (admittedly borrowed) quote that "there is no such thing as a bad student, only a bad teacher" illustrates best his philosophy on teaching — the teacher must make every possible effort to achieve learning — regardless of the environment or the student.

Research:

The term "research" conjures many images — Dr. Blasingame sees research as an alternate form of teaching, one with an objective where the result may be unknown, and where the process must be continuously redefined. Dr. Blasingame's style is highly individualized and intense, working hours on end with individual students to provide a direct role in building new skills (analytical, computational, structural (writing), etc.). This "intense" approach is not for everyone, many students do not "enjoy" the experience, but these students typically become strong performers — and they often note that the experience not only strengthened their skills, but also left them with a stronger work ethic. Perhaps most importantly, Dr. Blasingame sees research as an extension of teaching —specifically, a one-on-one learning experience where both parties are obligated to achieve a common goal.

Dr. Blasingame has engaged in a variety of research activities, which are categorized and described below.

Reservoir Engineering:

- Integration of formation evaluation data — core, well log, and reservoir performance data,
- Material balance methods (*e.g.*, new approaches for abnormally (high and low) pressured gas reservoirs),
- Correlations for rock properties,
- Correlations for hydrocarbon fluid properties, and
- Development of analytical solutions for modelling the flow of single/multiphase fluids in porous media.
 - Numerical algorithms for transformation/inversion of problems related to Laplace transforms.
 - Linear and non-linear partial differential equations.
 - Convolution/deconvolution processes.

Professional Biography (Continued)

Well Testing/Analysis of Reservoir Performance:

Dr. Blasingame has developed a considerable body of applied technology in well testing and reservoir engineering — where these efforts typically involve the analysis and interpretation of "time-pressure-rate" (or TPR) data, compared to a consistent reservoir model. The following topics represent historical and current activities:

- Specialized analysis techniques for well test and production data:
 - Modelling, analysis, and interpretation of wellbore storage/phase redistribution behavior.
 - Well test analysis using the pressure integral technique.
 - Estimation of average reservoir pressure from pressure transient test data.
 - Semi-analytical methods for modelling wellbore storage behavior in pressure transient test data.
 - Estimation of recoverable reserves using production data (empirical and semi-analytical methods).
 - Analysis of water-oil-ratio (WOR) behavior using production data.
 - Deconvolution of well test data.
- Model-based analysis of production data.
 - Vertical wells: unfractured and fractured wells.
 - Horizontal wells: various configurations.
 - Analysis of gas and gas condensate well performance data.
 - Multiwell analysis: analysis and interpretation of well performance data in multiwell reservoir systems.
- Development of software for the analysis, interpretation, and modelling of well test and production data.

Specific techniques such as "material balance decline type curve analysis," "pressure integral method," and "material balance of abnormally pressured reservoirs" are noted as research topics where Dr. Blasingame has made significant contributions to the technical literature.

Field Projects — Reservoir Description/Reservoir Management:

Dr. Blasingame has managed a number of field projects that provide "performance-based reservoir characterizations" for reservoir development/management purposes. The following inventory of field cases is presented:

- Vocation/Appleton Fields (Alabama), U. Alabama (2003)
- Womack Hill Field (Alabama), Pruet Petroleum/U. Alabama (2003)
- Santa Barbara Field (Monagas, Venezuela), PDVSA (Venezuela) (2002)
- Dowdy Ranch (Bossier) Field (Texas), Anadarko Petroleum Corporation (2001)
- Orocual Field, Maturin Basin Venezuela, PDVSA (Venezuela) (2001)
- Pabst Field (Offshore Louisiana), Devon Energy (2001)
- West White Lake Field (Inland Louisiana), Unocal (2001)
- Tordillo Field (Argentina), TecPetrol, S.A. (Argentina) (1997, 2000)
- Repetto Reservoir Studies (California), NuevoEnergy (2000)
- Arun Field (Indonesia), Mobil Oil Indonesia/Pertamina (1999)
- Eubank Field (Kansas), Anadarko Petroleum Corporation (1999)
- North Robertson (Clear Fork) Unit (Texas), Fina Oil and Chemical, Co. (1999)
- TXL North and South (Clear Fork) Units (Texas), Anadarko Petroleum Corporation (1998)
- Puerto Colon Field, Putumayo Basin, Colombia, Ecopetrol (Colombia) (1994)
- Lamar Field (Lake Maracaibo, Venezuela), PDVSA (Venezuela) (1994)
- Mazari Field (Pakistan), Union Texas Petroleum (Pakistan) (1994)

Dr. Blasingame was recognized by the Society of Petroleum Engineers as the 2006 recipient of the Uren Award (Lester C. Uren Award), where this award acknowledges distinguished achievement in petroleum engineering technology by a member who made the contributions before age 45.

Service:

Dr. Blasingame believes that service is one of the most important components of a professional's credentials — his commitment to academic and professional service includes chairmanship of numerous committees, conferences, and advisor to student activities. His most substantial service has recently been as chairman of SPE Forums, Workshops, and standing committees (Reprint, Monograph, and Reservoir Measurement and Testing). He has also served as chair of the Academic Affairs committee of the Faculty Senate at Texas A&M University, as well as the chair of the Council of Principal Investigators at Texas A&M University.

As evidence of his commitment to professional service, Dr. Blasingame was named a Distinguished Member of the Society of Petroleum Engineers (2000) and was the recipient of the 2005 SPE Distinguished Service Award given by the Society of Petroleum Engineers. Dr. Blasingame's academic service at Texas A&M University was recognized in 2004 when he was named recipient of the John J. Koldus Faculty/Staff Achievement Award, which is the highest service award given at Texas A&M University.

Academic/Professional Honors

- 1986 Graduate Student Teaching Award, Association of Former Students — Texas A&M University
- 1991 Burlington Resources Foundation Faculty Achievement Award — Texas A&M University
- 1994 Tenneco Award for Meritorious Teaching of Engineering — Texas A&M University
- 1997 Jerry Davis Faculty Fellow, College of Engineering — Texas A&M University
- 1999-2006 Robert L. Whiting Professorship in Petroleum Engineering — Texas A&M University
- 2000 Distinguished Member, Society of Petroleum Engineers (SPE)
- 2004 "Fish Camp" Blasingame (University freshmen orientation group) — Texas A&M University
- 2004 John J. Koldus Faculty/Staff Achievement Award — Texas A&M University
- 2005 SPE Distinguished Service Award, Society of Petroleum Engineers (SPE)
- 2005-2006 SPE Distinguished Lecturer (*Performance-Based Reservoir Characterization — State-of-the-Technology*), Society of Petroleum Engineers (SPE)
- 2006 SPE Uren Award (Lester C. Uren Award — This award acknowledges distinguished achievement in petroleum engineering technology by a member who made the contributions before age 45.), Society of Petroleum Engineers (SPE)

Industrial/Consulting Experience

Industrial/Consulting Projects

<u>Year.</u>	<u>Company</u>	<u>Activity</u>
2006	Samson Resources	Well test and production data analysis
2005	Saudi Aramco	Well test and production data analysis
2004-	Kappa Engineering	Well test and production data analysis
2003	Hydrodynamics	Gas Reservoir Engineering (projects in Croatia and Georgia)
2003	Anadarko Petroleum Corp.	Well test and production data analysis
2000	Santos Energy (Australia)	Well test and production data analysis
2000	Proton Energy	Production data analysis
1999	Kodiak Energy	Production data analysis
1999	Cody Energy	Well test data analysis
1999	NuevoEnergy	Production data analysis
1999	CompassBank	Production data analysis
1999	Ryder-Scott	Production data analysis
1998	W.D. Von Gonten Co.	Well test and production data analysis
1998	Chevron	Production data analysis
1998	Burlington Resources	Production data analysis
1997	Mosbacher Energy	Well test and production data analysis
1996	Mobil Oil	Production data analysis
1995	Reata Oil and Gas Corp.	Engineering assistance — Austin Chalk well completions
1995	Burlington Resources	Analysis and interpretation of well test data
1995	E-Systems/Montek Division	Feasibility review — technology for in-situ imaging of reservoirs
1991-1996	Amoco Prod. Co. (Denver)	Analysis/modelling of low-permeability gas reservoirs
1993-1994	Unocal (Ventura, CA)	Feasibility/project development plan — Santa Clara Field
1992-1993	Fina (Midland, TX)	Feasibility/project development plan — North Robertson Unit
1988-1989	TSDI (College Station, TX)	Software development (well test analysis package)

Industrial/Consulting Experience (Continued)

Short Courses

Date	Company	Location	Course Title
2006 Aug	UNAM (U. Mexico)	Mexico City (Mexico)	Well Test Analysis
2006 July	Anadarko Petroleum Corp.	The Woodlands, TX (USA)	Well Performance Analysis
2006 Jul	PEMEX	Villahermosa, TAB (MX)	Well Performance Analysis
2006 May	SPE (Gas Tech. Symposium)	Calgary, AB (Canada)	Well Performance Analysis
2005 Oct	PEMEX	Houston, TX (USA)	Well Performance Analysis
2005 Oct	Kappa Engineering	Houston, TX (USA)	Well Performance Analysis
2005 Aug	Saudi Aramco	Dhahran, Saudi Arabia	Well Performance Analysis
2005 Jul	Samson Resources	Calgary, AB (Canada)	Well Performance Analysis
2005 Jul	Chevron	Houston, TX (USA)	Well Performance Analysis
2005 Jun	Samson Resources	Tulsa, OK (USA)	Well Performance Analysis
2005 May	NExT (Schlumberger)	Port Harcourt, Nigeria	Well Test Analysis
2005 May	KBM (Kazakhstan)	Aktau, Kazakhstan	Well Performance Analysis
2005 May	U. Puebla	Poza Rica, Ver (Mexico)	Technical Mathematics
2005 Apr	Kappa Engineering	Houston, TX (USA)	Well Performance Analysis
2005 Mar	Kappa Engineering	Sophia Antipolis (France)	Well Performance Analysis
2005 Mar	Kappa Engineering	Aberdeen (UK)	Well Performance Analysis
2005 Feb	NExT (Schlumberger)	Edinburgh (UK)	Well Test Analysis
2004 Nov	UNAM (U. Mexico)	Mexico City (Mexico)	Technical Mathematics
2004 Nov	Kappa Engineering	Houston, TX (USA)	Well Performance Analysis
2004 Nov	Ecopetrol	Bucharamanga (CO)	Well Performance Analysis
2004 Sep	Unocal	Sugar-Land, TX (USA)	Well Performance Analysis
2004 Aug	Anadarko Petroleum Corp.	The Woodlands, TX (USA)	Well Performance Analysis
2004 Apr	Kappa Engineering	Houston, TX (USA)	Well Performance Analysis
2004 Apr	Samson Resources	Tulsa, OK (USA)	Well Performance Analysis
2004 Mar	Petrobras	Lima (Peru)	Well Performance Analysis
2004 Mar	Kappa Engineering	Sophia Antipolis (France)	Well Performance Analysis
2002 Nov	LDI Training	Jakarta (Indonesia)	Gas Reservoir Engineering
2002 Jun	NeXT/Schlumberger	Tulsa, OK (USA)	Well Performance Analysis
2002 Apr	Petroleos Mexicanos (PEMEX)	Villahermosa, TAB (MX)	Well Performance Analysis
2001 Nov	Anadarko Petroleum Corp.	Calgary, AB (Canada)	Well Performance Analysis
2001 Oct	NeXT/Schlumberger	Tulsa, OK (USA)	Well Performance Analysis
2001 Jul	Petroleos Mexicanos (PEMEX)	Villahermosa, TAB (MX)	Well Performance Analysis
2001 Jun	Anadarko Petroleum Corporation	The Woodlands, TX (USA)	Well Performance Analysis
2001 May	Anadarko Petroleum Corporation	The Woodlands, TX (USA)	Well Performance Analysis
2000 Nov	Petroleos Mexicanos (PEMEX)	Villahermosa, TAB (MX)	Well Performance Analysis
2000 Jun	Fekete Associates, Inc.	Calgary, AB (Canada)	Well Performance Analysis
1996 Jun	Anadarko Petroleum Corp.	Houston, TX (USA)	Production Data Analysis
1996 Apr	Anadarko Petroleum Corporation	Liberal, KS (USA)	Production Data Analysis
1991 Nov	Astra Oil (Argentina)	Com. Rividavia (Argentina)	Well Test Analysis

Professional Service

Society Memberships/Professional Registration

- Associate Member, American Association of Petroleum Geologists (AAPG)
- Member, American Institute of Chemical Engineers (AIChE)
- Member, American Society for Engineering Education (ASEE)
- Member, Canadian Institute of Mining, Metallurgy, and Petroleum (CIM)
- Member, Society of Exploration Geophysicists (SEG)
- Member, Society of Petroleum Engineers (SPE)
- Registered Professional Engineer, Texas (77391)

Professional Service Inventory

National-Level

- Associate Member, American Association of Petroleum Geologists (AAPG), 2002-.
 - AAPG Research Committee, 2002-2005.
- Member, American Institute of Chemical Engineers (AIChE), 1998-.
- Member, American Society for Engineering Education (ASEE), 1991-.
- Member, Canadian Institute of Mining, Metallurgy, and Petroleum, 1999-.
 - CIM, Houston (TX) Region, Board of Directors, 2002-2003.
- Member, Society of Exploration Geophysicists (SEG), 1998-.
 - SPE/SEG, 1996 SPE/SEG Forum Series, *Reservoir Development Forum* (steering committee).
 - SPE/SEG, 1998 SPE/SEG Forum Series, *E&P Reservoir Development Forum* (co-Chair).
 - SPE/SEG, 2004 SPE/SEG Forum Series, *Well-Less Exploration and Minimal Appraisal* (steering committee).
- Member, Society of Petroleum Engineers (SPE), 1983-.
 - SPE, Technical Reviewer:
 - *Computer Applications Journal*, 1992-1994.
 - *Reservoir Engineering*, 1993-1994, 2006-
 - SPE, Program Committee:
 - Career Guidance/Student Development (1996-1999).
 - Education/Professionalism (1992-96; chair 1995-1996).
 - Pressure Transient Testing (1996-2002; chair 2001-2002).
 - ATCE Technical Program Committee (2001-2002).
 - 1994 SPE Permian Basin Oil and Gas Recovery Conference
 - 2002 SPE International Petroleum Conference/Exhibition in Mexico.
 - 2004 SPE International Petroleum Conference/Exhibition in Mexico.
 - 2006 SPE International Oil Conference and Exhibition in Mexico.
 - SPE Reprint Series Committee: *Gas Reservoir Engineering* (1995-1999).
 - SPE, Advanced Technology Workshops: (as chair)
 - *Management of High WOR, High Gross Production Fields* (Argentina — 2006).
 - *Opportunities in Mature Oil Fields: Technical and Economic Challenges* (Peru — 2006).
 - *Key Technologies To Create More Value From Mature Fields* (Venezuela — 2005).
 - *Integrating Geosciences and Eng. for Reservoir Characterization Models* (Mexico — 2005).
 - *Low Permeability Turbidite Reservoirs* (Mexico — 2004).
 - *Well Testing in Gas Condensate Reservoirs* (Houston and Calgary — 1999-2000).
 - SPE, Forum Series:
 - *Future Challenges in Carbonate Resource Development* (2005 — steering committee).
 - *Technology Development — Who Pays and Who Plays?* (2005 — steering committee).
 - *Enhancing Value of Mature Fields* (2004 — steering committee).
 - *The Big Crew Change* (2001 — steering committee).
 - SPE, Petroleum Engineering Education Colloquium (1997, 2000 — steering committee).
 - SPE, Petroleum Engineering Education Colloquium — Middle East (2006 — steering committee).
 - SPE, Research and Development Conference (2000 — co-convener).
- Society of Professional Well Log Analysts (SPWLA)
 - SPWLA, 2003 SPWLA Spring Topical Conference: *Petrophysics & Upscaling* (steering committee)

Professional Service (Continued)

Professional Service Inventory (Continued)

State-Level

- *Austin Chalk Symposium* at Texas A&M University (Industry Technology Transfer Conference)
 - 1993 Co-chair (w/ Dr. Steve Poston); 130 attendees.
 - 1994 Chairman; 160 attendees.

International-Level

- The National Academies — National Research Council (Policy and Global Affairs Executive Office)
 - Committee member, *U.S.-Iranian Joint Workshop on Issues Concerning Higher Education* (2002-2004).

University (Texas A&M University)

- University: *Interdisciplinary Research Initiatives Program* (Committee, 1998-2000).
- University: *Energy Resources Program* (Committee, 1999-2000).
- University: *Faculty Senate* (2000-2003, 2005-)
 - Faculty Senate: Academic Affairs Committee (AAC) (2000-2003, 2005-; chair 2001-2003).
 - TAMU Residency Policy Subcommittee (AAC Representative) (2001).
 - NCAA Academic Review Subcommittee (AAC Representative) (2001-2002).
 - Access to Majors Subcommittee (AAC Representative) (2002-2004).
 - Academic Calendar Subcommittee (AAC Representative) (2003).
 - Faculty Senate: International Programs Committee (2001-2002).
 - Faculty Senate: Advisory Committee on Deans' Review (policy revisions) (2002).
 - Faculty Senate: Engineering Caucus Leader (2002-2003).
 - Faculty Senate: Executive Committee (2002-2003).
- University: Academic Operations Committee (Faculty Senate Representative) (2001-2003).
- University: Alternate Transportation Committee (Faculty Senate Representative) (2001-2004).
- University: Search Advisory Committee — Athletic Director (2002).
- University: Finance Council (2002-2004).
- University: Research Council (2005-2006).
- University: Council of Principal Investigators (2002-2006, chair 2005-2006).
- University: Progress towards Degree (task force) (2005).

College (College of Engineering, Texas A&M University)

- College: Freshman Engineering. Program Evaluation Committee, College of Engineering (1990).
- College: Engineering Faculty Advisory Council. (EFAC) (1995-2001; chair 1996-1998, 2000).
- College: "Research Portal" Committee (development of website for TEES Research) (2001-2002).
- College: Graduate Instruction Committee (GIC) (1996-2003).

Departmental (Department of Petroleum Engineering, Texas A&M University)

- Ph.D. Qualifying Exam Committee (1991-2002. (Exam discontinued by faculty vote (Fall 2002)).
- Assistant Department Head for Graduate Studies/Graduate Advisor (1997-2003).
- Department Head Search Committees (1992, 1996, 2000).
- Faculty Advisor, SPE Student Chapter (1993-1994, 2004-present).
- Undergraduate Committee (1997, 2005).
- Graduate Committee (2006-present).
- Computer Resources Committee (1993-1995, 1997-1998, 2000-2003).

Technical Publications and Presentations

Peer-Reviewed Publications

1. Poston, S.W. and Blasingame, T.A.: "Microcomputer Applications to Decline Curve Analysis," *Geobyte*, Vol. 1/ No. 3 (1986).
2. Blasingame, T.A. and Lee, W.J.: "Pressure Buildup Test Analysis Variable-Rate Case: A New Approach," paper SPE 17057 presented at the 1987 SPE Eastern Regional Meeting, Pittsburgh, PA, 21-23 Oct. 1987. Published in *SPE Formation Evaluation*, June 1989.
3. Moridis, G.J., McVay, D.A., Reddell, D.L., and Blasingame, T.A.: "The Laplace Transform Finite-Difference (LTFD) Numerical Method for the Simulation of Compressible Fluid Flow in Reservoirs," paper SPE 22888 presented at the 66th Annual SPE Technical Conference and Exhibition, Dallas, TX, 7-9 Oct. 1991. Published in *SPE Advanced Technology Series* (1994) 2, No. 2, 69-77.
4. Xue, G., Datta-Gupta, A., Valko, P., and Blasingame, T.A.: "Optimal Transformations for Multiple Regression: Application to Permeability Estimation from Well Logs," *SPEFE* (June 1997), 85-93.
5. Nevans, J.W., Kamis, J.E., Davies, D.K., Vessell, R.K., *Doublet, L.E., and Blasingame, T.A.: "An Integrated Geological and Engineering Characterization of the North Robertson (Clear Fork) Unit, Gaines County, TX. R. Schatzinger and J. Jordan, eds., Reservoir Characterization-Recent Advances," *AAPG Memoir 71* (1999).
6. *Velarde, J.J., Blasingame, T.A., and McCain, W.D.: "Correlation of Black Oil Properties at Pressures Below Bubble Point Pressure—A New Approach," *CIM 50-year Commemorative Volume*, 1999.
7. Valko, P.P., *Doublet, L.E., and Blasingame, T.A.: "Development and Application of the Multiwell Productivity Index," *SPEJ* (March 2000), 21-31.
8. *Ansah, J., *Knowles, R.S., and Blasingame, T.A.: "A Semi-Analytic (p/z) Rate-Time Relation for the Analysis and Prediction of Gas Well Performance," *SPERC* (December 2000), 525-533.
9. Mancini, E.A., Blasingame, T.A., Archer, R.A., Panetta, B.J., Haynes, C.D., and Benson, J.D.: "Improving Hydrocarbon Recovery from Mature Oil Fields Producing from Carbonate Reservoirs: Upper Jurassic Smackover Formation, Womack Hill Field (Eastern Gulf Coast, USA)," *AAPG Bulletin*, v. 88, no. 12 (December 2004), pp. 1629–1651.
10. *Londono, F.E.; Archer, R.A.; Blasingame, T.A.: "Correlations for Hydrocarbon-Gas Viscosity and Gas Density — Validation and Correlation of Behavior Using a Large-Scale Database," *SPEREE*, December 2005, 561-572.

Technical Papers (Conference Proceedings)

1. Blasingame, T.A. and Lee, W.J.: "Properties of Homogeneous Reservoirs, Naturally Fractured Reservoirs, and Hydraulically Fractured Reservoirs from Decline Curve Analysis," paper SPE 15018 presented at the SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 13-14 March 1986.
2. Blasingame, T.A. and Lee, W.J.: "Variable-Rate Reservoir Limits Testing," paper SPE 15028 presented at the SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 13-14 March 1986.
3. Blasingame, T.A., Poston, S.W., and Hedberg, W.H.: "Evaluation of Reserves for a Number of Small, Partially Shut-In Gas Fields in Northern Tennessee," paper SPE 16853 presented at the 62nd Annual SPE Technical Conference and Exhibition, Dallas, TX, 13-15 June 1988.
4. Blasingame, T.A. and Lee, W.J.: "The Variable-Rate Reservoir Limits Testing of Gas Wells," paper SPE 17708 presented at the 1988 SPE Gas Technology Symposium, Dallas, TX, 13-15 June 1988.
5. Blasingame, T.A., Johnston, J.L., and Lee, W.J.: "Type Curve Analysis Using the Pressure Integral Method," paper SPE 18799 presented at the 1989 SPE California Regional Meeting, Bakersfield, CA, 05-07 April 1989.
6. Blasingame, T.A., Johnston, J.L., Lee, W.J., and Raghavan, R.: "The Analysis of Gas Well Test Data Distorted by Wellbore Storage Using an Explicit Deconvolution Method," paper SPE 19099 presented at the 1989 SPE Gas Technology Symposium, Dallas, TX, 07-09 June 1989.
7. Blasingame, T.A., Johnston, J.L., Rushing, J.A., Thrasher, T.S., Lee, W.J., and Raghavan, R.: "Pressure Integral Type Curve Analysis - II: Applications and Field Cases," paper SPE 20535 presented at the 65th Annual SPE Technical Conference and Exhibition, New Orleans, LA, 23-26 Sept. 1990.
8. Blasingame, T.A., *McCray, T.L., and Lee, W.J.: "Decline Curve Analysis for Variable Pressure Drop/ Variable Flowrate Systems," paper SPE 21513 presented at the 1991 SPE Gas Technology Symposium, Houston, TX, 23-24 Jan. 1991.
9. Blasingame, T.A., Johnston, J.L., and Lee, W.J.: "Advances in the Use of Convolution Methods in Well Test Analysis," paper SPE 21826 presented at the 1991 Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium, Denver, CO, 15-17 April 1991.
10. Rushing, J.A., Blasingame, T.A., Johnston, J.L., and Lee, W.J.: "Slug Testing in Multiple Coal Seams Intersected by a Single Vertical Fracture," paper SPE 22945 presented at the 66th Annual SPE Technical Conference and Exhibition, Dallas, TX, 07-09 Oct. 1991.
11. Johnston, J.L., Lee, W.J., and Blasingame, T.A.: "Estimating the Stabilized Deliverability of a Gas Well Using the Rawlins and Schellhardt Method: An Analytical Approach," paper SPE 23440 presented at the 1991 SPE Eastern Regional Meeting, Lexington, KY, 22-25 Oct. 1991.
12. Blasingame, T.A.: "Computer-Aided Problem Solving: Experiences in a Freshman Class," paper presented at the Fourth Conference on Undergraduate Engineering Education, sponsored by the Engineering Foundation in cooperation with the National Science Foundation, Santa Barbara, CA, 26-31 July 1992.

Technical Publications and Presentations (continued)

Technical Papers (Conference Proceedings) (continued)

13. Blasingame, T.A.: "Development and Application of Analytical Solutions for Fractured and Unfractured Wells in a Bounded Circular Reservoir - Constant Flow Rate Case," paper SPE 25479 presented at the 1993 SPE Production Operations Symposium, Oklahoma City, OK, 21-23 March 1993.
14. *Palacio, J.C. and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves — Analysis of Gas Well Production Data," paper SPE 25909 presented at the 1993 Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium, Denver, CO, 26-28 April 1993.
15. Blasingame, T.A. and Poe, B.D.: "Semi-Analytic Solutions for a Well With a Single Finite-Conductivity Vertical Fracture," paper SPE 26424 presented at the 68th Annual SPE Technical Conference and Exhibition, Dallas, TX, 03-06 Oct. 1993.
16. Johnston, J.L., Lee, W.J., and Blasingame, T.A.: "Improving Rate Normalization Using Material Balance Time," SPE paper 27641 presented at the SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 16-18 March 1994 (presentation only).
17. Banthai, B.S., Meyer, B.M., and Blasingame, T.A.: "Use of Surface Derived Pressure Measurements for the Cost-Effective Reservoir Surveillance of Waterflood Operations in the Permian Basin," SPE paper 27685 presented at the SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 16-18 March 1994.
18. Pande, P.K., Blasingame, T.A., Vessel, R.K., and Clark, M.B.: "Data Acquisition, Design, and Implementation: Opportunities and Challenges for Effective Programs in Mature Reservoirs," paper SPE 27760 presented at the SPE/DOE 9th Symposium on Improved Oil Recovery, Tulsa, OK, 17-20 April 1994.
19. Poe, B.D., Elbel, J.L., and Blasingame, T.A.: "Pressure Transient Behavior of a Finite Conductivity Fracture in Infinite-Acting and Bounded Reservoirs," paper SPE 28392 presented at the 69th Annual SPE Technical Conference and Exhibition, New Orleans, LA, 25-28 Sept. 1994.
20. *Doublet, L.E., Pande, P.K., McCollum, T.J., and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves — Analysis of Oil Well Production Data Using Material Balance Time: Application to Field Cases," paper SPE 28688 presented at the 1994 Petroleum Conference and Exhibition of Mexico held in Veracruz, MEXICO, 10-13 October 1994.
21. *Shih, M.-Y. and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves: Horizontal Wells," paper SPE 29572 presented at the 1995 Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium, Denver, CO, 20-22 March, 1995.
22. *Ansah, J., *Likitsupin, P., and Blasingame, T.A.: "Determination of Reservoir Pore Volume From Pressure Buildup Tests Using Type Curves," paper SPE 29584 presented at the 1995 Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium, Denver, CO, 20-22 March, 1995.
23. *Doublet, L.E., Pande, P.K., Clark, M.B., Nevans, J.W. and Blasingame, T.A.: "An Integrated Geologic and Engineering Reservoir Characterization of the North Robertson (Clear Fork) Unit: A Case Study," paper SPE 29594 presented at the 1995 Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium, Denver, CO, 20-22 March, 1995.
24. *Doublet, L.E. and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves: Water Influx/Waterflood Cases," paper SPE 30774 presented at the 1995 Annual SPE Technical Conference and Exhibition, Dallas, TX, 22-25 Oct. 1995.
25. *Doublet, L.E., Nevans, J.W., Fisher, M.K. Heine, R.L. and Blasingame, T.A.: "Pressure Transient Data Acquisition and Analysis Using Real Time Electro-magnetic Telemetry," paper SPE 35161 presented at the 1996 SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 27-29 March, 1996.
26. *Doublet, L.E. and Blasingame, T.A.: "Evaluation of Injection Well Performance Using Decline Type Curves," paper SPE 35205 presented at the 1996 SPE Permian Basin Oil and Gas Recovery Conference, Midland, TX, 27-29 March, 1996.
27. *Ansah, J., *Knowles, R.S., and Blasingame, T.A.: "A Semi-Analytic (p/z) Rate-Time Relation for the Analysis and Prediction of Gas Well Performance," paper SPE 35268 presented at the 1996 SPE Mid-Continent Gas Symposium, Amarillo, TX, 28-30 April, 1996. (Pre-Print (Conference) version-complete detail)
28. *Velarde, J.J., Blasingame, T.A., and McCain, W.D.: "Correlation of Black Oil Properties at Pressures Below Bubble Point Pressure—A New Approach," paper CIM 97-93 presented at the 48th Annual Technical Meeting of the Petroleum Society, Calgary, AL, Canada, 08-11 June, 1997.
29. *Marhaendrajana, T., and Blasingame, T.A.: "Rigorous and Semi-Rigorous Approaches for the Evaluation of Average Reservoir Pressure From Pressure Transient Tests," paper SPE 38725 presented at the 1997 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 06-08 Oct. 1997.
30. Blasingame, J.L., Blasingame, T.A., Brill, J.P., Green, D.W., Griggs, J.F., Heinemann, R.F., Simpson, M.R., and Tiedemann, H.A.: "Successful Models for Industrial/Academic Consortia," paper SPE 39493 presented at the 1997 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 06-08 Oct. 1997.
31. McCain, W.D., Soto, R., Valko, P.P., and Blasingame, T.A.: "Correlation of Bubble-Point Pressures for Reservoir Oils — a Comparative Study," paper SPE 51086 presented at the 1998 SPE Eastern Regional Conference and Exhibition held in Pittsburgh, PA, 09-11 Nov. 1998.

Technical Publications and Presentations (continued)

Technical Papers (Conference Proceedings) (continued)

32. *Marhaendrajana, T., Kaczorowski, N.J., and Blasingame, T.A.: "Analysis and Interpretation of Well Test Performance at Arun Field (Indonesia)," paper SPE 56487 presented at the 1999 Annual SPE Technical Conference and Exhibition, Houston, TX, 03-06 Oct. 1999.
33. Lee, W.J., Kazemi H., Blasingame, T.A., Alman, R., Bassiouni, Z., Bowman, C.H., Eustes, A. W., Green, D.W., Heinze, L.R., Horne, R.N., Judah, J., Miller, M.A., Numbere, D.T., Prado, M.G., and Tiedemann, H.: "Petroleum Engineering Education: The Road Ahead — A Summary of Major Actions at CPEE 2000," paper SPE 64307 presented at the 2000 Annual SPE Technical Conference and Exhibition, Dallas, TX, 01-04 Oct. 2000.
34. Kazemi H., Lee, W.J., Blasingame, T.A., Alman, R., Bassiouni, Z., Bowman, C.H., Eustes, A. W., Green, D.W., Heinze, L.R., Horne, R.N., Judah, J., Miller, M.A., Numbere, D.T., Prado, M.G., and Tiedemann, H.: "The Fifth SPE Colloquium on Petroleum Engineering Education — An Industry Perspective," paper SPE 64308 presented at the 2000 Annual SPE Technical Conference and Exhibition, Dallas, TX, 1-04 Oct. 2000.
35. *Gan, G. and Blasingame, T.A.: "A Semi-Analytical p/z Technique for the Analysis of Reservoir Performance from Abnormally Pressured Gas Reservoirs," paper SPE 71514 presented at the 2001 Annual SPE Technical Conference and Exhibition, New Orleans, 30 Sept.-03 Oct. 2001.
36. *Marhaendrajana, T. and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves — Evaluation of Well Performance Behavior in a Multiwell Reservoir System," paper SPE 71514 presented at the 2001 Annual SPE Technical Conference and Exhibition, New Orleans, 30 Sept.-03 Oct. 2001.
37. *Londono, F.E., Archer, R.A., and Blasingame, T.A.: "Simplified Correlations for Hydrocarbon Gas Viscosity and Gas Density: Validation and Correlation of Behavior Using a Large-Scale Database," paper SPE 75721 presented at the 2002 SPE Gas Technology Symposium, Calgary, 30 Apr.-02 May. 2002.
38. *Suabdi, I.N. and Blasingame, T.A.: "Analysis of Layered Gas Reservoir Performance Using a Semi-Analytical Solution for Rate and Pressure Behavior," paper SPE 77465 presented at the 2002 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 30 Sept.-03 Oct. 2002.
39. Archer, R.A., Merad, M.B., and Blasingame, T.A.: "Effects on Well Test Analysis of Pressure and Flowrate Noise," paper SPE 77533 presented at the 2002 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 30 Sept.-03 Oct. 2002.
40. *Buba, I.M. and Blasingame, T.A.: "Direct Estimation of Gas Reserves Using Production Data," paper SPE 77550 presented at the 2002 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 30 Sept.-03 Oct. 2002.
41. *Bondar, V.V. and Blasingame, T.A.: "The Analysis and Interpretation of Water-Oil-Ratio Performance," paper SPE 77569 presented at the 2002 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 30 Sept.-03 Oct. 2002.
42. *Avila, J.C., Archer, R.A., Mancini, E.A., and Blasingame, T.A.: "A Petrophysics and Reservoir Performance-Based Reservoir Characterization of the Womack Hill (Smackover) Field (Alabama)," paper SPE 77758 presented at the 2002 Annual SPE Technical Conference and Exhibition, San Antonio, TX, 30 Sept.-03 Oct. 2002.
43. Archer, R.A. *Del Castillo, Y., and Blasingame, T.A.: "New Perspectives on Vogel-Type IPR Models for Gas Condensate and Solution Gas Drive Systems," paper SPE 80907 presented at the 2003 SPE Production Operations Symposium, Oklahoma City, OK, 23-25 March 2003.
44. *Mireles, T.J. and Blasingame, T.A.: "Application of Convolution Theory for Solving Non-Linear Flow Problems: Gas Flow Systems," paper SPE 84073 presented at the 2003 Annual SPE Technical Conference and Exhibition, Denver, CO., 05-08 October 2003.
45. Rushing, J.A. and Blasingame, T.A.: "Reservoir Characterization and Infill Drilling Study of a Low-Permeability Carbonate: An Evaluation of Blanket Versus Targeted Infill Drilling Strategies," paper SPE 84282 presented at the 2003 Annual SPE Technical Conference and Exhibition, Denver, CO., 05-08 October 2003.
46. *Pratikno, H., Rushing, J.A., and Blasingame, T.A.: "Decline Curve Analysis Using Type Curves: Fractured Wells," paper SPE 84287 presented at the 2003 Annual SPE Technical Conference and Exhibition, Denver, CO., 05-08 October 2003.
47. *Wilson, B.W., Archer, R.A., and Blasingame, T.A.: "Modeling of Performance Behavior in Gas Condensate Reservoirs Using a Variable Mobility Concept," paper SPE 84374 presented at the 2003 Annual SPE Technical Conference and Exhibition, Denver, CO., 05-08 October 2003.
48. Rushing, J.A. and Blasingame, T.A.: "Integrating Short-Term Pressure Transient Testing and Long-Term Production Data Analysis to Evaluate Hydraulically-Fractured Gas Well Performance," paper SPE 84475 presented at the 2003 Annual SPE Technical Conference and Exhibition, Denver, CO., 05-08 October 2003.
49. Rushing, J.A., Newsham, K., and Blasingame, T.A.: "A Comparative Study of Laboratory Techniques for Measuring Capillary Pressures in Tight Gas Sands," paper SPE 89866 presented at the 2004 Annual SPE Technical Conference and Exhibition, Houston, TX., 26-29 September 2004.
50. Rushing, J.A., Newsham, K., and Blasingame, T.A.: "Klinkenberg-Corrected Permeability Measurements in Tight Gas Sands: Steady-State Versus Unsteady-State Techniques," paper SPE 89867 presented at the 2004 Annual SPE Technical Conference and Exhibition, Houston, TX., 26-29 September 2004.
51. Blasingame, T.A.: "Petroleum Engineering Education — At a Crossroads, or a Dead-End?," paper SPE 90653 presented at the 2004 Annual SPE Technical Conference and Exhibition, Houston, TX., 26-29 September 2004.

Technical Publications and Presentations (continued)

Technical Papers (Conference Proceedings) (continued)

52. Rushing, J.A., Sullivan, R.B., and Blasingame, T.A.: "Post-Fracture Performance Diagnostics for Gas Wells with Finite-Conductivity Vertical Fractures," paper SPE 97972 presented at the 2005 SPE Eastern Regional Meeting held in Morgantown, W.V., 14–16 September 2005.
53. Blasingame, T.A. and Rushing, J.A.: "A Production-Based Method for Direct Estimation of Gas-in-Place and Reserves," paper SPE 98042 presented at the 2005 SPE Eastern Regional Meeting held in Morgantown, W.V., 14–16 September 2005.
54. Ilk, D., Valko, P.P., and Blasingame, T. A.: "Deconvolution of Variable-Rate Reservoir Performance Data Using B-Splines," paper SPE 95571 presented at the 2005 Annual SPE Technical Conference and Exhibition, Dallas, TX, 09-12 October 2005.
55. Craig, D.P., and Blasingame, T.A.: "A New Refracture-Candidate Diagnostic Test Determines Reservoir Properties and Identifies Existing Conductive or Damaged Fractures," paper SPE 97972 presented at the 2005 Annual SPE Technical Conference and Exhibition, Dallas, TX, 09-12 October 2005.
56. Huet, C.C., Newsham, K., Rushing, J.A., and Blasingame, T.A.: "A Modified Purcell/Burdine Model for Estimating Absolute Permeability from Mercury-Injection Capillary Pressure Data," paper SPE 10994 presented at the 2005 International Petroleum Technology Conference, Doha, Qatar, 21-23 November 2005.
57. Ilk, D., Anderson, D.M., Valko, P.P., and Blasingame, T.A.: "Analysis of Gas Well Reservoir Performance Data Using B-Spline Deconvolution," paper SPE 100573 presented at the 2006 SPE Gas Technology Symposium held in Calgary, Alberta, Canada, 15–17 May 2006.
58. Craig, D.P. and Blasingame, T.A.: "Application of a New Fracture-Injection/Falloff Model Accounting for Propagating, Dilated, and Closing Hydraulic Fractures," paper SPE 100578 presented at the 2006 SPE Gas Technology Symposium held in Calgary, Alberta, Canada, 15–17 May 2006.
59. Craig, D.P. and Blasingame, T.A.: "Constant-Rate Drawdown Solutions Derived for Multiple Arbitrarily-Oriented Uniform-Flux, Infinite-Conductivity, or Finite-Conductivity Fractures in an Infinite-Slab Reservoir," paper SPE 100586 presented at the 2006 SPE Gas Technology Symposium held in Calgary, Alberta, Canada, 15–17 May 2006.

Technical Publications and Presentations (continued)

Invited Technical Presentations

1. "Computer Aided Instruction: Well Testing," presented at the 1991 SPE Forum Series: *Colloquium for Petroleum Engineering Education*, Crested Butte, CO, 07-12 July 1991.
2. "Computer Aided Instruction: Basic Problem Solving," presented at the 1991 SPE Forum Series: *Colloquium for Petroleum Engineering Education*, Crested Butte, CO, 07-12 July 1991.
3. "Multiwell Decline Curve Analysis: A Two Well Example," presented at the 1992 SPE Forum Series: *Gas Reservoir Engineering*, Snowmass CO, 19-24 July 1992.
4. "Analysis of Gas Well Production Data Using Type Curves," presented at the 1992 Seminar Series, University of Tulsa, 16 Oct. 1992.
5. "Application of Integrated Reservoir Management and Reservoir Characterization to Optimize Infill Drilling," presented at the 1994 Society of Exploration Geophysicists (SEG) Forum Series: *Development and Production*, Big Sky, MT, 17-22 July 1994.
6. "Application of Integrated Reservoir Management and Reservoir Characterization to Optimize Infill Drilling," poster presented at the 1994 SPE Forum Series: *Advances in Well Logging*, Snowmass CO, 23-29 July 1994.
7. "Geologic and Engineering Characterization Issues for the Development of Offshore Reservoirs," presented at the Azerbaijan International Caspian Oil and Gas Conference, Baku, Azerbaijan, 19-21 Sept. 1994.
8. "Decline Curve Analysis Using Type Curves: Horizontal Wells," 1995 SPE Forum Series: *Advances in Horizontal Wells*, Snowmass, CO, 30 July-04 August 1995.
9. "Evaluating Reserves from Production Performance," Gulf Coast SPE Section Reservoir Study Group Meeting, Houston, TX, 26 January 1999.
10. "Analysis and Interpretation of Well Performance at Arun Field (Indonesia)," 1999 SPE Advanced Technology Workshop: *Well Testing in Gas Condensate Reservoirs*, Houston, TX, 30 September-01 October 1999.
11. "Analysis and Interpretation of Well Performance at Arun Field (Indonesia)," 2000 SPE Advanced Technology Workshop: *Well Testing in Gas Condensate Reservoirs*, Calgary, AB, 01-02 April 2000.
12. "Well Test Analysis: Where are We — Where are We Going?," 2000 CIM Annual Meeting (panel on *Well Testing*), Calgary, AB, 03-07 June 2000.
13. "Drowning in Data — the Future of Reservoir Performance Analysis," Reservoir Engineering Systems Forum, Anadarko Petroleum Corporation, 14-16 May 2002, The Woodlands, TX.
14. "Workforce Issues for Petroleum Engineering — Regional and Global Perspectives," SPE Iranian Chapter Meeting, 04 November 2002, Tehran, Iran.
15. "Reservoir Performance Analysis Historical, Contemporary, and Future Perspectives, Fort Worth SPE Section, 15 May 2003, Fort Worth, TX (USA).
16. "Production Data Analysis — A Systematic Approach," Canadian International Petroleum Conference (CIPC) (panel on *Maximizing Asset Value through Production Data Interpretation*), Calgary, Canada, 08-10 June 2004.
17. "Production Data Analysis — State-of-the-Art," 2004 SPE Advanced Technology Workshop: *Low Permeability Turbidite and Shaly Reservoirs*, Veracruz, Mexico, 14-16 June 2004.
18. "Performance-Based Reservoir Characterization Using Production Data Analysis," 2004 SPE Advanced Technology Workshop: *The Interface Between Petrophysics and the Dynamic Reservoir Model — Maximizing the Value*, Beirut, Lebanon, 12-15 September 2004.
19. "Production Data Analysis — Future Challenges and Opportunities," Discussion Leader at the SPE ATW, *From Well Testing to Dynamic Flow Analysis*, Kota Kinabalu, Sabah, Malaysia, 2-5 Dec 2004.
20. "Future of Production and Well Test Data Analysis for Reservoir Characterization," Keynote Presentation at the 2004 Saudi Aramco Well Testing Symposium, Dhahran, Saudi Arabia, 12 December 2004.
21. "People & Organizations? Keys to Success, Barriers to Change?," 2005 SPE *Forum on the Future of Measurement, Automation and Remote Control in the Upstream Industry*, Broomfield, CO 26 June to 01 July 2005.
22. "Applying a Petrophysics and Performance-Based Reservoir Characterization of The Womack Hill Field to Improve Recovery," Technical Strategies For Marginal & Mature Field Development, IQPC Conference, Kuala Lumpur, Malaysia, 22-25 August 2005.
23. "How to Make an SPE Presentation," Panel Discussion, 2006 SPE-GCS Emerging Leaders Program Conference, The Woodlands, TX (USA), 31 March 2006.
24. "Methods for Reserves Estimation," Panel Discussion, 2006 SPE Gas Technology Symposium held in Calgary, Alberta, Canada, 15-17 May 2006.
25. "Evaluation of Tight Gas Reservoirs," The Petroleum Policy and Management (PPM) Project (*Exploration and Development Strategies for Low Permeability Gas Reservoirs and The Role of Government in Achieving The Strategies*), 4th Workshop in China – Sichuan Basin Case Study, Beijing, China, 30 May-02 June 2006.

Research and Applied Technology Programs

Externally Funded Research Proposals and Projects

Title	Sponsor	Principal Investigator	Co-Principal Investigator	Number of Graduate Students	Project Dates	Sponsor Award (\$)	Cost-Share Industrial/TEES (\$)	Total Award (\$)	Blasingame Share (\$)
Reservoir Performance Using Acid Fracturing — Application to the Clear Fork Formation	Texas Higher Education Coordinating Board	Mark Miller U. Texas	Blasingame	2	1989-1992	---	---	---	36,400
Well Stimulation: Fracture Cleanup in Oil and Gas Wells	State Lands Energy Resource Optimization (SLERO)	Mark Miller U. Texas	Blasingame	1	1990-1991	---	---	---	24,600
Application of Integrated Reservoir Management and Reservoir Characterization to Optimize Infill Drilling	United States Department of Energy (DOE Class 2 Oil Program)	P.K. Pande Fina Oil and Chemical Co.	Blasingame	7	1993-1999	≈9,000,000	≈12,000,000 (Industrial) ≈338,001 (Blasingame)	≈21,000,000	1,100,000 (TEES-PE: 32525-44420)
Gas Condensate Reservoir Performance Analysis	Mobil Technology Company	Blasingame	---	3	1997-1998	50,000	---	50,000	50,000
Program for Production-Based Reservoir Characterization and Development	Anadarko Petroleum Corporation	Blasingame	---	3	1997-1999	186,000	---	186,000	186,000 (TEES-PE: 32525-50990)
Risk Assessment for Current Multilateral Well Systems (Global Petroleum Research Institute (GPRI))	Consortium: Amoco, ARCO, Elf, Exxon, Mobil, Shell, Texaco	Blasingame	---	3	1997-1999	250,000	---	250,000	250,000 (TEES-PE: 32532-53020)
Advanced Casing Lateral Juncture Technologies for Multilateral Wells — Phase 1: Concepts Identification (GPRI)	Consortium: Amoco, ARCO, Exxon, Mobil, Shell, Texaco	Blasingame	Bruce Dale, Exxon	1	1997-1999	257,000	---	257,000	≈100,000 (TEES-PE: 32532-53100)

Research and Applied Technology Programs (Continued)

Externally Funded Research Proposals and Projects: (Continued)

Title	Sponsor	Principal Investigator	Co-Principal Investigator	Number of Graduate Students	Project Dates	Sponsor Award (\$)	Cost-Share Industrial/TEES (\$)	Total Award (\$)	Blasingame Share (\$)
Improved Oil Recovery from Upper Jurassic Smackover Carbonates (Class II Reservoir) Through the Application of Advanced Technologies at Womack Hill Oil Field, Choctaw and Clarke Counties, Alabama, Eastern Gulf Coastal Plain	United States Department of Energy (Reservoir Class Field Demonstration Program)	Ernie Mancini U. Alabama	Blasingame	3	2000-2004	---	≈71,000 (Blasingame)	---	400,000 (TEES-PE: 32525-63090)
"Integrated Geologic-Engineering Model for Reef and Carbonate Shoal Reservoirs Smackover Formation — Northeastern Gulf of Mexico	United States Department of Energy	Ernie Mancini U. Alabama	Blasingame	2	2000-2004	---	≈95,885 (Blasingame)	---	160,000 (TEES-PE: 32525-63110)
Semi-Analytical Est. of Permeability Obtained from Capillary Pressure	Anadarko Petroleum Corporation	Blasingame	---	1	2004	20,000	---	20,000	20,000
Klinkenberg-Correction for Low Permeability Sandstones	Apache Corporation	Blasingame	---	1	2006	10,000	---	10,000	10,000
Reservoir Characterization of the Cerro-Negro Field (Venezuela) Using Production and Well Test Data Analysis/Interpretation	ExxonMobil Production Company	Blasingame	---	2	2006-2007	101,000	---	101,000	101,000
Totals:						9,763,000	12,504,886	21,763,000	2,438,000

Research and Applied Technology Programs (Continued)

Internally Funded Research Proposals and Projects

Title	Sponsor	Principal Investigator	Co-Principal Investigator	Number of Graduate Students	Project Dates	Sponsor Award (\$)	Cost-Share Industrial/TEES (\$)	Total Award (\$)	Blasingame Share (\$)
Evaluation and Prediction of Gas Reservoir Performance Using Surface Well Testing Procedures	Center for Energy and Mineral Resources at Texas A&M University	Blasingame	---	2	1993-1994	24,000	---	24,000	24,000
Wireless Power Transmission For Smart Well Applications	Energy Resources Program, Texas A&M University	Blasingame	Cam Nguyen Texas A&M (ELEN)	2	1998-1999	25,000	---	25,000	25,000
Totals:						49,000	---	49,000	49,000

Research and Applied Technology Programs (Continued)

Research/Project Proposals — Denied/Pending

Title	Sponsor	Principal Investigator	Co-Principal Investigators	Competitive/Peer-Reviewed	Date	Status	Total Value (\$)
Maximizing Recovery from Water-Drive Gas Reservoirs through Improved Completion and Reservoir Management Techniques	Gas Research Institute (GRI)	Blasingame	Lee (TAMU) (PETE)	Yes	Jan. 1990	Declined	1,050,000
Co-production of Gas and Water from Watered-Out Gas Reservoirs	Energy Research in Application Program II, Texas Higher Education Coordinating Board	Blasingame	Lee (TAMU) (PETE)	Yes	Aug. 1990	Declined	53,577
The Performance of Layered Reservoirs During Production	Energy Research in Application Program II, Texas Higher Education Coordinating Board	Blasingame	Lee (TAMU) (PETE)	Yes	Aug. 1990	Declined	53,577
Improved Analysis of Production Data from Gas Reservoirs	Energy Research in Application Program II, Texas Higher Education Coordinating Board	Blasingame	---	Yes	Aug. 1990	Declined	48,850
Analysis of Gas Wells Using Production Data — A Rigorous Approach for Reserves Determination and the Prediction of Future Performance	Advanced Research Program (ARP) of the Texas Higher Education Coordinating Board	Blasingame	---	Yes	Jul. 1991	Declined	130,000
Computer-Aided Design and Analysis in Petroleum Engineering	Center for Teaching Excellence at Texas A&M University	Blasingame	---	Yes	Apr. 1992	Declined	5,000
Analysis of Gas Wells Using Production Data — A Rigorous Approach for Reserves Determination and the Prediction of Future Performance	Center for Energy and Mineral Resources at Texas A&M University	Blasingame	---	Yes	Jun. 1992	Declined	14,000
Development of Generalized Methods for the Exact and Approximate Solution of Linear and Non-linear Problems in Transport Phenomena	Advanced Research Program (ARP) of the Texas Higher Education Coordinating Board	Blasingame	---	Yes	Jul. 1993	Declined	76,000
Theory and Applications for the Testing of Gas Wells	Advanced Technology Program (ATP) of the Texas Higher Education Coordinating Board	Blasingame	---	Yes	Jul. 1993	Declined	240,000

Research and Applied Technology Programs (Continued)

Research/Project Proposals (Denied/Pending) (Continued)

Title	Sponsor	Principal Investigator	Co-Principal Investigators	Competitive/Peer-Reviewed	Date	Status	Total Value (\$)
Theoretical and Empirical Analysis of Gas Well Performance Data Using Decline Curves	Engineering Foundation	Blasingame	---	Yes	Aug. 1993	Declined	25,000
Reservoir Description and the Evaluation of Primary and Secondary Performance of the Spraberry Reservoir (Parks and Pegasus Fields) — Midland County, Texas	Mobil Exploration and Producing Co. (U.S.)	Blasingame	---	No	Apr. 1994	Declined	48,000
Application of Multi-Zone Fracture Stimulation From Extended Reach Wells to Maximize Performance in a Low Permeability Slope/Basin Reservoir: Repetto Turbidite Zones, Offshore California	United States Department of Energy Class 3 Oil Program, Slope and Basin Clastic (SBC) Reservoirs	Unocal Corporation	Blasingame	Yes	Apr. 1994	Declined	450,000
An Integrated Approach for the Characterization of Naturally Fractured Reservoirs: The Austin Chalk and Beyond	DOE-PRDA No. OKL-4362-01 (BDM-Oklahoma, Inc.)	Blasingame	---	Yes	Mar. 1995	Declined	702,000
Feasibility of Primary Production Improvement and Evaluation of the Potential for Enhanced Oil Recovery — Sokolkino-Sarapalinsky Field, Tatarstan, Russia	U.S. AID/TDA	Ellison Engineering	Blasingame	No	Apr. 1995	Declined	600,000
The Modernization of Technical and Economic Evaluation Practices for the Russian Petroleum Industry — Khanty-Mansisk Analytical Center, Tyumen, Russia.	World Bank	Blasingame	(Cawley, Gillespie, and Assoc. and Wm. Cobb and Assoc.)	Yes	Jun. 1995	Declined	500,000
Application of Convolution Theory for Solving Non-Linear Flow Problems	Advanced Research Program (ARP) of the Texas Higher Education Coordinating Board	Blasingame	---	Yes	Jul. 1995	Declined	111,000
Methods for the Analysis and Interpretation of Petroleum Reservoir Performance	Advanced Technology Program (ATP) of the Texas Higher Education Coordinating Board	Blasingame	---	Yes	Jul. 1995	Declined	357,000
Program For Production-Based Reservoir Characterization and Development	Anadarko Petroleum Corporation	Blasingame	---	No	Jan. 1998	Declined	496,000
Wireless Data Transmission for Downhole Applications	Energy Resources Program, Texas A&M University	Blasingame	Nguyen (TAMU) (ELEN)	Yes	Mar. 1999	Declined	25,000

Research and Applied Technology Programs (Continued)

Research/Project Proposals (Denied/Pending) (Continued)

Title	Sponsor	Principal Investigator	Co-Principal Investigators	Competitive/ Peer-Reviewed	Date	Status	Total Value (\$)
Simultaneous Wireless Power Transmission and Data Communication for Subsurface Applications	Advanced Technology Program (ATP) of the Texas Higher Education Coordinating Board	Blasingame	Nguyen (TAMU) (ELEN)	Yes	Jul. 1999	Declined	150,000
Properties of Gas Hydrates in Porous Media	DOE	Duane McVay Texas A&M (PETE)	Blasingame, Holste (TAMU), Moridis (LBL)	Yes	Jun. 2000	Declined	≈50,000
FRG: Analytical and Numerical Solutions for Time-Dependent Non-Linear Fluid Filtration Effects in Porous Media	NSF (Proposal #0101494)	Richard Ewing Texas A&M (COLS))	Blasingame, Ibragimov (TAMU), Valko (TAMU)	Yes	Oct. 2000	Declined	≈100,000
ITR: Simultaneous Wireless Transmission and Data Communication for Smart Well Applications	NSF (Proposal #0113389)	Blasingame	Nguyen (TAMU) (ELEN)	Yes	Jan. 2001	Declined	135,000
ITR: Stochastic Simulation of Multiphase Flow In Porous Media	NSF (Proposal #0113389)	Rosalind Archer Texas A&M (PETE)	Blasingame	Yes	Jan. 2001	Declined	≈100,000
Chemical Industry Waste Disposal System	Advanced Research Program (ARP) of the Texas Higher Education Coordinating Board	Blasingame	Hall (TAMU) (CHEN)	Yes	Jun. 2001	Declined	(preproposal)
Wireless Power Transmission and Data Communication for Smart Wells	Advanced Technology Program (ATP) of the Texas Higher Education Coordinating Board	Blasingame	Cam Nguyen Texas A&M (ELEN)	Yes	Aug. 2001	Declined	150,000
Evaluation of Horizontal Well Performance	Occidental Petroleum	Blasingame	Valko (TAMU) Archer (U. Auckland) Ozkan (Col. Mines)	No	Dec. 2003	Declined	350,000

Research and Applied Technology Programs (Continued)

Research/Project Proposals (Denied/Pending) (Continued)

Title	Sponsor	Principal Investigator	Co-Principal Investigators	Competitive/ Peer-Reviewed	Date	Status	Total Value (\$)
Energy Engineering — Outreach And Systemic Reform	U.S. Department of Education	Fanchi (Col. Mines)	Blasingame (TAMU) Economides (TAMU) Kelkar (U. Tulsa) Ghalambor (U. LA)	Yes	Nov. 2003	Declined	510,000
Pore-Scale Characterization and Modeling of Two-Phase Flow and Storage in Tight Gas Sands: Empirical and Theoretical Approaches	U.S. Department of Energy	Blasingame (TAMU)	Bryant (U. Tx) Rushing (Anadarko)	Yes	Mar. 2005	Declined	1,875,000
Total:							8,405,004

Graduate Student Research

Completed Graduate Students

No.	Name	Degree	Graduation Date	Employer
1.	Mohammed Al-Saddique ^a	Ph.D. PETE	December 1994	KSU (Saudi Arabia)
2.	Sangsoo Ryou	Ph.D. PETE	May 1995	Korean Petroleum Dev.
3.	Joseph Ansah	Ph.D. PETE	August 1996	Halliburton
4.	Irdam Syah	Ph.D. PETE	May 1999	<i>Deceased</i> (2005)
5.	Taufan Marhaendrajana	Ph.D. PETE	May 2000	ITB (Indonesia)
---	Min-Yu Shih	Ph.D. PETE	--- (2000)	<i>Deceased</i> (2000)
6.	Louis Doublet	Ph.D. PETE	December 2001	Consultant
7.	Suabdi Nengah	Ph.D. PETE	December 2001	Pertamina (Indonesia)
8.	David Craig	Ph.D. PETE	May 2006	Halliburton
1.	Thomas L. McCray	M.S. PETE	August 1990	EOG Resources
2.	C. Brett Buzzarde	M.S. PETE	August 1991	Chevron
3.	Monton Santivongskul	M.S. PETE	August 1992	Unocal (Thailand)
4.	Juan Carlos Palacio	M.S. PETE	August 1993	Schlumberger
5.	Phisit Likitsupin	M.S. PETE	August 1994	Royal Thai Army
6.	Zahiid Samad	M.S. PETE	August 1994	—
7.	Min-Yu Shih	M.S. PETE	August 1994	<i>Deceased</i>
8.	Ejaz Ashraf ^a	M.S. PETE	December 1994	Union Texas Pakistan
9.	Ricardo Padron	M.S. PETE	December 1994	Schlumberger
10.	Hector Ruiz	M.S. PETE	December 1994	Schlumberger
11.	Jason Pang	M.S. PETE	August 1995	Accenture
12.	Thomas J. Mireles	M.S. PETE	December 1995	Murphy Oil
13.	Javier Velarde	M.S. PETE	August 1996	Repsol
14.	Sampong Prachumchon	M.S. PETE	December 1996	Royal Thai Army
15.	Raul Tuvio	M.S. PETE	December 1997	TecPetro (Argentina)
16.	Ricardo Bonilla ^a	M.S. PETE	May 1998	Saudi Aramco
17.	Sophie Theys	M.S. PETE	December 1998	Fekete and Associates
18.	R. Steven Knowles	M.S. PETE	August 1999	Millennium Resources
19.	Dominique Dexheimer	M.S. PETE	August 1999	(company in France)
20.	Juan Angel	M.S. PETE	August 2000	BP-Colombia
21.	Craig Roco	M.S. PETE	December 2000	—
22.	Valentina Bondar	M.S. PETE	May 2001	Chevron
23.	Ronald Gan	M.S. PETE	May 2001	VICO Indonesia (BP)
24.	Odilia Deghirmandjian	M.S. PETE	May 2001	Consultant
25.	EleyzerOLON	M.S. PETE	December 2001	Pinnacle Technologies
26.	Fabio Londono ^b	M.S. PETE	December 2001	Oxy-Colombia
27.	Janice Menke ^c	M.S. PETE	May 2002	Matador Resources
28.	Juan Carlos Avila ^b	M.S. PETE	August 2002	Chevron
29.	Helmi Pratikno	M.S. PETE	August 2002	ConocoPhillips
30.	Trina Medina	M.S. PETE	May 2003 (IFPG)	Plains Resources
31.	Ibrahim Buba	M.S. PETE	August 2003	Principe'-San Tome Co.
32.	Yanil Del Castillo ^b	M.S. PETE	August 2003	Schlumberger
33.	Felix Gonzalez	M.S. PETE	December 2003	PDVSA (Venezuela)
34.	Wade Wilson	M.S. PETE (DL)	December 2003	Consultant
35.	Mansur Zhakupov	M.S. PETE	May 2005	Total
36.	Caroline Huet	M.S. PETE	December 2005	Anadarko
37.	Dilhan Ilk	M.S. PETE	December 2005	Texas A&M (Ph.D.)

Notes:

^a Student co-chaired with Dr. Maria Barrufet

^b Student co-chaired with Dr. Rosalind Archer

^c Student co-chaired with Dr. Jerry Jensen

Graduate Student Research (continued)

Completed Graduate Students (continued)

No.	Name	Degree	Graduation Date	Employer
1.	Art Garza	M.Eng. PETE (DL)	Aug. 1999	Chevron
2.	Carlos Berto	M.Eng. PETE	Aug. 2000	TecPetro (Argentina)
3.	Srdjan Borac	M.Eng. PETE	Dec. 2000	ENI
4.	Urfan Abbaszadeh	M.Eng. PETE	May 2001	Case Services
5.	Amy Omar	M.Eng. PETE (DL)	May 2001	ExxonMobil
6.	Mike Fiorito	M.Eng. PETE	Dec. 2001	Denbury Resources
7.	Amalia Giannopoulou	M.Eng. PETE	Dec. 2001 (IFPB)	Company in Greece
8.	Ruppa Malhotra ^b	M.Eng. PETE	Dec. 2001 (IFPB)	PDVSA (Venezuela)
9.	Laurie-Anne Michnick	M.Eng. PETE	Dec. 2001 (IFPG)	Burren Energy
10.	Aidar Nurkhaidarov	M.Eng. PETE	Dec. 2001 (IFPB)	Total
11.	Chukwuemeka Nwosa	M.Eng. PETE	Dec. 2001	—
12.	Aries Soepriyanto	M.Eng. PETE	Dec. 2001	Unocal (Indonesia)
13.	Rafael Soto	M.Eng. PETE	Dec. 2001 (IFPB)	—
14.	Niel Morgan	M.Eng. PETE (DL)	May 2002	El Paso
15.	Bekhzod Narmatov	M.Eng. PETE	May 2002	Company in Uzbekistan
16.	Antoine Klendek	M.Eng. PETE	Dec. 2002 (IFPB)	Total
17.	Eric Leoutre	M.Eng. PETE	Dec. 2002 (IFPG)	Shell (UK)
18.	Massoxi Van Dunem	M.Eng. PETE	Aug. 2003	Chevron
19.	Arie Bernal	M.Eng. PETE	Dec. 2003 (IFPB)	—
20.	Aymeric Chauveau	M.Eng. PETE	Dec. 2003 (IFPG)	Beicip (France)
21.	Lanre Maliki	M.Eng. PETE (DL)	Dec. 2003	Shell-Canada
22.	Yann Ropers	M.Eng. PETE	Dec. 2003 (IFPG)	LNG company (France)
23.	Stephane Barc	M.Eng. PETE	Dec. 2004 (IFPB)	Perenco (France)
24.	Perrine Gomet	M.Eng. PETE	Dec. 2004 (IFPG)	Norsk Hydro
24.	Jamal Kacer	M.Eng. PETE	Dec. 2005 (IFPG)	Total

Graduate Students in Progress

No.	Name	Degree	Graduation Date	Employer
1.	Olivier Bahabian	M.S. PETE	Dec. 2006 (IFPG)	Total
2.	Francois Florence	M.S. PETE	Dec. 2006 (IFPG)	—
3.	Roland Froboese	M.S. PETE	Dec. 2006 (?)	DeGolyer/MacNaughton
4.	Nima Hosseinpour	M.S. PETE	Dec. 2006	—
5.	Troy Kelly	M.S. PETE (DL)	2007	KinderMorgan
6.	Maria Nass	M.S. PETE (DL)	2007	ScanPower
7.	Shahram Amini	Ph.D. PETE	2007	—
8.	Dilhan Ilk	Ph.D. PETE	2009	—
9.	Ime Udong	Ph.D. PETE	2010	—

Notes:

^a Student co-chaired with Dr. Maria Barrufet

^b Student co-chaired with Dr. Rosalind Archer

^c Student co-chaired with Dr. Jerry Jensen

M.Eng. PETE students listed prepared a report (as opposed to a thesis for partial fulfillment of M.Eng. degree), students who did not develop an M.Eng. report are not listed (*i.e.*, "coursework only" students).

Graduate Student Research (continued)

Ph.D. Dissertations/Publications

No.	Name	Degree	Dissertation Title	Paper(s)
1.	Mohammed Al-Saddique December 1994	Ph.D.	<i>Reservoir Behavior During Boundary-Dominated Two-Phase Flow</i>	—
2.	Sangsoo Ryou May 1995	Ph.D.	<i>Reservoir Permeability Distributions from Multi-Well Test Sequences in Heterogeneous Reservoirs</i>	—
3.	Joseph Ansah August 1996	Ph.D.	<i>Production Rate and Cumulative Production Models for Advanced Decline Curve Analysis of Gas and Solution-Gas Reservoirs</i>	SPE 029584 SPE 035268
4.	Irdam Syah May 1999	Ph.D.	<i>The Analysis and Interpretation of Well Interference Effects on the Well Performance of Gas-Condensate Reservoirs: A Case Study of Arun Field (Sumatra, Indonesia)</i>	—
5.	Taufan Marhaendrajana May 2000	Ph.D.	<i>Modeling and Analysis of Flow Behavior in Single and Multi-Well Bounded Reservoirs</i>	SPE 038725 SPE 056487 SPE 071517
6.	Louis Doublet December 2001	Ph.D.	<i>Application of Integrated Reservoir Management and Reservoir Characterization to Optimize Infill Drilling</i>	SPE 027685 SPE 027760 SPE 028688 SPE 029594 SPE 030774 SPE 035161 SPE 035205
7.	Suabdi Nengah December 2001	Ph.D.	<i>Analysis of Layered Gas Reservoir Performance Using a Quasi-Analytical Solution for Rate and Pressure Behavior</i>	SPE 077465
8.	David Craig May 2006	Ph.D.	<i>Analytical Modeling of a Fracture-Injection/Falloff Sequence And The Development of a Refracture-Candidate Diagnostic Test</i>	SPE 096785 SPE 100578 SPE 100586

Graduate Student Research (continued)

M.S. Theses/Publications

No.	Name	Degree	Thesis Title	Paper(s)
1.	Thomas L. McCray August 1990	M.S.	<i>Reservoir Analysis Using Production Decline Data and Adjusted Time</i>	SPE 021513
2.	C. Brett Buzzarde August 1991	M.S.	<i>Analysis of Well Test Data Influenced by Multiple Reservoir Boundaries Using Pressure Derivative Type Curves</i>	—
3.	Monton Santivongskul August 1992	M.S.	<i>Well Test Analysis for Wells with Finite Conductivity Vertical Fractures: Application to the Upper Clear Fork Formation</i>	(basis for) SPE 026424
4.	Juan Carlos Palacio August 1993	M.S.	<i>Analysis and Forecasting of Gas Well Performance — A Rigorous Approach Using Decline Curve Analysis</i>	SPE 025909
5.	Phisit Likitsupin August 1994	M.S.	<i>Analysis and Interpretation of Well Test and Production Data for Bounded Reservoir Systems</i>	(basis for) SPE 029584
6.	Zahid Samad August 1994	M.S.	<i>Application of Pressure and Pressure Integral Functions for the Analysis of Well Test Data</i>	—
7.	Min-Yu Shih August 1994	M.S.	<i>Decline Curve Analysis for Horizontal Wells</i>	SPE 029572
8.	Ejaz Ashraf December 1994	M.S.	<i>Integrated Reservoir Characterization for the Mazari Oil Field (Pakistan)</i>	—
9.	Ricardo Padron December 1994	M.S.	<i>A Reservoir Engineering Characterization of the North Study Area, C2/VLE-305 Reservoir, Lamar Field, Lake Maracaibo, Venezuela</i>	—
10.	Hector Ruiz December 1994	M.S.	<i>A Geological and Engineering Reservoir Characterization of the Caballos Formation (Cretaceous), Puerto Colon Field, Putumayo Basin, Colombia</i>	—
11.	Jason Pang August 1995	M.S.	<i>Analysis and Optimization of Gas Pipeline Networks and Surface Production Facilities for the Waskom Field — Harrison, County, Texas</i>	—
12.	Thomas J. Mireles December 1995	M.S.	<i>Application of Convolution Theory for Solving Non-Linear Flow Problems: Gas Flow Systems</i>	SPE 084073
13.	Javier Velarde August 1996	M.S.	<i>Correlation of Black Oil Properties at Pressures Below the Bubble-Point</i>	CIM-CJPT (1999)
14.	Sampong Prachumchon December 1996	M.S.	<i>Semi-Analytical Methods for the Analysis and Interpretation of Well Test Data Distorted by Wellbore Storage and Skin Effects</i>	(extended) SPE 021826
15.	Raul Tuvio December 1997	M.S.	<i>An Integrated Study of the Reservoir Performance in the Area Centro Norte (ACN) Pilot Area: El Tordillo Field (Argentina)</i>	—
16.	Ricardo Bonilla May 1998	M.S.	<i>Analysis of Well Test Data from Gas Condensate Reservoirs Using Single-Phase Dry Gas Methods: Guidelines and Examples</i>	—
17.	Sophie Theys December 1998	M.S.	<i>Development and Application of the Muskat/Arps Method for the Estimation of Average Reservoir Pressure from Pressure Transient Tests</i>	SPE 038725
18.	R. Steven Knowles August 1999	M.S.	<i>Development and Verification of Analysis Relations for the Surface Testing of Gas Wells</i>	SPE 035268
19.	Dominique Dexheimer August 1999	M.S.	<i>Eubank Field (Kansas): A Formation Evaluation of the Basal Chester Sand</i>	—
20.	Juan Angel August 2000	M.S.	<i>Well Test Analysis for Naturally Fractured Reservoirs Using Type Curve Analysis — A New Approach</i>	—
21.	Craig Roco December 2000	M.S.	<i>Reservoir Characterization of the Upper and Lower Repetto Reservoirs of the Santa Clara Field — Federal Waters, Offshore California</i>	—
22.	Valentina Bondar May 2001	M.S.	<i>The Analysis of Water-Oil Ratio (WOR) Behavior in Reservoir System</i>	SPE 077569

Graduate Student Research (continued)

M.S. Theses/Publications (continued)

No.	Name	Degree	Thesis Title	Paper(s)
23.	Ronald Gan May 2001	M.S.	<i>A New p/z Technique for the Analysis of Abnormally Pressured Gas Reservoirs</i>	SPE 071514
24.	Odilia Deghirmandjian May 2001	M.S.	<i>Identification and Characterization of Hydraulic Flow Units in the San Juan Formation — Orocuá Field, Maturín Basin — Venezuela</i>	—
25.	Eleyzer Lolón December 2001	M.S.	<i>Semi-Analytical Solutions for Multilayer Reservoirs</i>	—
26.	Fabio Londono December 2001	M.S.	<i>New Correlations for Hydrocarbon Gas Viscosity and Gas Density</i>	SPE 075721
27.	Janice Menke May 2002	M.S.	<i>The Frisco City Sandstone, North Frisco City (Paramount) Field, Monroe County, Alabama: A Case Study of Net Pay and Permeability Anisotropy Evaluation Related To Geology</i>	—
28.	Juan Carlos Avila August 2002	M.S.	<i>A Petrophysics and Reservoir Performance-Based Reservoir Characterization of Womack Hill (Upper Smackover) Field (Alabama)</i>	SPE 077758
29.	Helmi Pratikno August 2002	M.S.	<i>Decline Curve Analysis Using Type Curves — Fractured Well</i>	SPE 084287
30.	Trina Medina May 2003 (IFPG)	M.S.	<i>Characterization of Gas Condensate Reservoirs Using Pressure Transient and Production Data-Santa Barbara Field, Monagas, Venezuela</i>	SPE 084473
31.	Ibrahim Buba August 2003	M.S.	<i>Direct Estimation of Gas Reserves Using Production Data</i>	SPE 077550
32.	Yanil Del Castillo August 2003	M.S.	<i>New Perspectives on Vogel-Type IPR Models for Gas Condensate and Solution Gas Drive Systems</i>	SPE 080907
33.	Felix Gonzalez December 2003	M.S.	<i>A Quadratic Cumulative Production Model for the Material Balance of an Abnormally Pressured Gas Reservoir</i>	SPE 090560
34.	Wade Wilson December 2003	M.S.	<i>Modeling of Performance Behavior in Gas Condensate Reservoirs Using a Variable Mobility Concept</i>	SPE 084374
35.	Mansur Zhakupov May 2005	M.S.	<i>Application of Convolution and Average Pressure Approximation for Solving Non-Linear Flow Problems — Constant Pressure Inner Boundary Condition for Gas Flow</i>	—
36.	Caroline Huet December 2005 (IFPG)	M.S.	<i>Semi-Analytical Estimates of Permeability obtained from Capillary Pressure</i>	IPTC 10994
37.	Dilhan İlk December 2005	M.S.	<i>Deconvolution of Variable Rate Reservoir Performance Data Using B-Splines</i>	SPE 095571 SPE 100573 SPE 102573

Graduate Student Research (continued)M.Eng. Reports/Publications

No.	Name	Degree	Report Title	Paper(s)
1.	Art Garza August 1999	M.Eng.	<i>Business Practices — Gulf of Mexico</i>	—
2.	Carlos Berto August 2000	M.Eng.	<i>Evaluation of Reservoir Performance Using Decline Type Curves Improves Reservoir Description Area Central Norte (ACN) Region, El Tordillo Field (Argentina)</i>	—
3.	Srdjan Borac Dec. 2000	M.Eng.	<i>Rejuvenation and Redevelopment of Marginal Hydrocarbon Reservoirs</i>	—
4.	Urfan Abbaszadeh May 2001	M.Eng.	<i>Analysis of Production Data</i>	—
5.	Amy Omar May 2001	M.Eng.	<i>South Belridge Field — An Overview and Case Study</i>	—
6.	Mike Fiorito Dec. 2001	M.Eng.	<i>Reservoir Characterization of the Pabst Field Offshore Gulf of Mexico</i>	—
7.	Amalia Giannopoulou Dec. 2001 (IFPB)	M.Eng.	<i>An Overview of CO₂ Flooding in Tertiary Recovery Activities</i>	—
8.	Ruppa Malhotra Dec. 2001 (IFPB)	M.Eng.	<i>An Assessment of the Natural Gas Business in Venezuela</i>	—
9.	Laurie-Anne Michnick Dec. 2001 (IFPG)	M.Eng.	<i>An Overview of Geomechanics Applications for Fluid Flow in Porous Media</i>	—
10.	Aidar Nurkhaidarov Dec. 2001 (IFPB)	M.Eng.	<i>"Kashagan" a Key Element for the Future Prosperity of Kazakhstan — Perspectives and Challenges</i>	—
11.	Chukwuemeka Nwosa Dec. 2001	M.Eng.	<i>An Overview of Decision and Risk Analysis in Petroleum Investment Projects</i>	—
12.	Aries Soepryanto Dec. 2001	M.Eng.	<i>Analyses of the Production and Pressure Performance for the 43-5B Reservoir in Attaka Field, Indonesia</i>	—
13.	Rafael Soto Dec. 2001 (IFPB)	M.Eng.	<i>New Opportunities for Natural Gas Utilization in Western Europe</i>	—
14.	Niel Morgan May 2002	M.Eng.	<i>East Cameron 81 Field — An Overview/Well Performance Study</i>	—
15.	Bekhzod Narmatov May 2002	M.Eng.	<i>Natural Gas Industry of Uzbekistan and its Future Prospective</i>	—
16.	Antoine Klendek Dec. 2002 (IFPB)	M.Eng.	<i>New Formula Optimizes Production Sharing Negotiation in Unitized Fields</i>	—
17.	Eric Leoutre Dec. 2002 (IFPG)	M.Eng.	<i>Well-Testing Analysis: A Case Study of an Offshore Reservoir in North Sea</i>	—
18.	Massoxi Van Dunem August 2003	M.Eng.	<i>Evaluation of Newly Developed Oil Field — Offshore Angola</i>	—
19.	Arie Bernal Dec. 2003 (IFPB)	M.Eng.	<i>Analysis of Well Test Data Using B-Splines (Preliminary Efforts)</i>	—
20.	Aymeric Chauveau Dec. 2003 (IFPG)	M.Eng.	<i>An Overview of Diagnostic Techniques for Evaluating Hydraulically-Fractured Wells in Tight Gas Sands</i>	—
21.	Lanre Maliki Dec. 2003	M.Eng.	<i>The Design of Well Tests in High Permeability Deepwater Environments</i>	—
22.	Yann Ropers Dec. 2003 (IFPG)	M.Eng.	<i>Oil Market Structures And Prices</i>	—
23.	Stephane Barc Dec. 2004 (IFPG)	M.Eng.	<i>Drilling Mud and Hydrate Formation: Identifying At Risk Zones With a Simulation Too</i>	—
24.	Perrine Gomet Dec. 2004 (IFPG)	M.Eng.	<i>Concept Model for Permeability</i>	—

Graduate Student Research (continued)

M.Eng. Reports/Publications: (continued)

<u>No.</u>	<u>Name</u>	<u>Degree</u>	<u>Report Title</u>	<u>Paper(s)</u>
25.	Jamal Kacer Dec. 2005 (IFPG)	M.Eng.	<i>Elliptical Flow Characterization</i>	—

Note:

M.Eng. PETE students listed prepared a report (as opposed to a thesis for partial fulfillment of M.Eng. degree), students who did not develop an M.Eng. report are not listed (*i.e.*, "coursework only" students).

Educational Development

Undergraduate Course Development

Course	Title	Developments/Contributions
ENGR 101	Energy: Resources, Utilization and Importance to Society	Introductory course about current and potential energy sources, the link between energy and wealth, and the consequences of action or inaction concerning energy and the environment. (2005-2006 w/ C. Economides)
ENGR 109	Engineering Problem Solving and Computing	Developed laboratory curriculum for computer-aided problem solving on PC-type computers. Also developed sections of the lecture portion of this course. (1990-1991)
ENGR 201	Conservation Principles in Engineering-I	Developed a variety of problems and teaching aids for this introductory course in engineering principles (<i>e.g.</i> , statics, dynamics, fluid mechanics, and some thermodynamics). (1996)
PETE 311	Reservoir Rock Properties	Significantly revised course content to reflect current technology — with particular emphasis on basic flow relations, multiphase relationships, and geologic models. (1991, 1998, 2000)
PETE 324/412	Well Performance/Well Testing	Revised course content to include an emphasis on derivation of basic flow relations and computer-aided well test analysis. Also included a field study as a final project. (1993-1994, 1997-2006)

Graduate Course Development

Course	Title	Developments/Contributions
PETE 613	Natural Gas Engineering	Restructured course to reflect an emphasis on reservoir engineering and reservoir description. Materials, exercises, and projects have strong practical applications — research/ technology issues are limited to literature and lecture. (2002, 2004)
PETE 620	Fluid Flow in Reservoirs	Restructured course systematically, starting from the development of base relations for flow in porous media using fundamental principles in mathematics and physics. (1992-2006)
PETE 663	Formation Evaluation/Analysis of Res. Perf.	The overall course objective is to provide the student with the ability to analyze/interpret/integrate geological, well log, and well performance data. (2002, 2003)
PETE 685	Data Analysis Problems in Well Testing	Developed problems course to provide students with methodolog-ies for the analysis and interpretation of well test data. Empha-sized theoretical derivation of analysis relations. (1992)
PETE 685	Advanced Well Test Analysis	Course emphasized analytical solutions for single and multiphase fluid flow in porous media, multi-layered reservoir solutions, and the solution of variable-rate flow problems. (1990-1991)
PETE 689	Reservoir Characterization/Management	This course provides methodologies for reservoir description (analysis and interpretation of core and well log data, as well as the integration of production and well test data). (1993)

Educational Development (Continued)

Undergraduate Courses Taught

Date	No. Students	Course	Title
Energy: Resources, Utilization and Importance to Society			
2006A	7	ENGR 101	Energy: Resources, Utilization and Importance to Society
Engineering Problem Solving and Computing			
1990C	20	ENGR 109	Engineering Problem Solving and Computing
1991A	54	ENGR 109	Engineering Problem Solving and Computing
1991C	53	ENGR 109	Engineering Problem Solving and Computing
Conservation Principles in Engineering-I			
1996A	76	ENGR 201	Conservation Principles in Engineering-I
Rock Properties Laboratory			
1989C	N/A	PETE 309	Rock Properties Laboratory
1990C	N/A	PETE 309	Rock Properties Laboratory
Reservoir Petrophysics (formally Reservoir Rock Properties)			
1991C	N/A	PETE 311	Reservoir Petrophysics (formally Reservoir Rock Properties)
1998C	34	PETE 311	Reservoir Petrophysics (formally Reservoir Rock Properties)
2000C	20	PETE 311	Reservoir Petrophysics (formally Reservoir Rock Properties)
Unsteady-State Processes (Well Testing)			
1990C	33	PETE 448	Unsteady-State Processes (Well Testing)
Well Testing			
1993A	63	PETE 412	Well Testing
1994A	54	PETE 412	Well Testing
1997A	53	PETE 412	Well Testing
1998A	53	PETE 412	Well Testing
Well Performance (Well Test and Production Data Analysis)			
1999A	38	PETE 324	Well Performance (Well Test and Production Data Analysis)
2000A	51	PETE 324	Well Performance (Well Test and Production Data Analysis)
2001A	26	PETE 324	Well Performance (Well Test and Production Data Analysis)
2002A	20	PETE 324	Well Performance (Well Test and Production Data Analysis)
2003A	25	PETE 324	Well Performance (Well Test and Production Data Analysis)
2004A	21	PETE 324	Well Performance (Well Test and Production Data Analysis)
2005A	26	PETE 324	Well Performance (Well Test and Production Data Analysis)
2006A	34	PETE 324	Well Performance (Well Test and Production Data Analysis)
Well Completions and Stimulations			
1997C	54	PETE 414	Well Completions and Stimulations

Graduate Courses Taught

Date	No. Students	Course	Title
Natural Gas Engineering (Reservoir Engineering Aspects of Natural Gas Reservoirs)			
1989C	6	PETE 613	Natural Gas Engineering
1996C	8	PETE 613	Natural Gas Engineering
2001A	17	PETE 613	Natural Gas Engineering
2002A	13	PETE 613	Natural Gas Engineering
2004A	21	PETE 613	Natural Gas Engineering
2005A	19	PETE 613	Natural Gas Engineering
Fluid Flow in Petroleum Reservoirs (Technical Mathematics for Reservoir Engineering)			
1992C	13	PETE 620	Fluid Flow in Petroleum Reservoirs
1993C	18	PETE 620	Fluid Flow in Petroleum Reservoirs
1994C	7	PETE 620	Fluid Flow in Petroleum Reservoirs
1995C	18	PETE 620	Fluid Flow in Petroleum Reservoirs
1996C	8	PETE 620	Fluid Flow in Petroleum Reservoirs
1997B	13	PETE 620	Fluid Flow in Petroleum Reservoirs
1997C	7	PETE 620	Fluid Flow in Petroleum Reservoirs
1998B	18	PETE 620	Fluid Flow in Petroleum Reservoirs
1998C	11	PETE 620	Fluid Flow in Petroleum Reservoirs
1999B	17	PETE 620	Fluid Flow in Petroleum Reservoirs
1999C	41	PETE 620	Fluid Flow in Petroleum Reservoirs
2000B	33	PETE 620	Fluid Flow in Petroleum Reservoirs
2000C	36	PETE 620	Fluid Flow in Petroleum Reservoirs
2001B	18	PETE 620	Fluid Flow in Petroleum Reservoirs
2001C	28	PETE 620	Fluid Flow in Petroleum Reservoirs
2002C	29	PETE 620	Fluid Flow in Petroleum Reservoirs
2003C	10	PETE 620	Fluid Flow in Petroleum Reservoirs
2004C	12	PETE 620	Fluid Flow in Petroleum Reservoirs
2005C	16	PETE 620	Fluid Flow in Petroleum Reservoirs
Pressure Transient Testing (Pressure Transient and Production Data Analysis)			
1992A	11	PETE 648	Pressure Transient Testing
2003A	10	PETE 648	Pressure Transient Testing
2004B	15	PETE 648	Pressure Transient Testing
Formation Evaluation/Analysis of Reservoir Performance ("Core" Course in Formation Evaluation)			
2002A	28	PETE 663	Formation Evaluation/Analysis of Reservoir Performance
2002C	34	PETE 663	Formation Evaluation/Analysis of Reservoir Performance
2003C	20	PETE 663	Formation Evaluation/Analysis of Reservoir Performance
2004C	16	PETE 663	Formation Evaluation/Analysis of Reservoir Performance
Special Topics (Various)			
1992B	6	PETE 685	Data Analysis Problems in Well Testing
1991A	5	PETE 689	Multiphase Pressure Transient Testing
1993C	10	PETE 689	Reservoir Characterization and Reservoir Management

Educational Development (Continued)

Activities to Improve Teaching

Presentations and Publications on Teaching/Education

Date	Role	Location	Event/Title
07 Jul 1991	Speaker	Crested Butte, CO	1991 SPE CPEE: <i>Comp.-Aided Instr.: Well Testing</i>
07 Jul 1991	Speaker	Crested Butte, CO	1991 SPE CPEE: <i>Comp.-Aided Instr.: Basic Prb. Solv.</i>
26 Jul 1992	Speaker	Santa Barbara, CA	1992 NSF Undergrad Ed. Conf.: <i>Comp.-Aided Prb. Solv.</i>
26 Oct 2002	Speaker	Tehran, IRAN	U.S. NAS/Iran AS: <i>Int. of Research/Teacher Training</i>

Conferences and Workshops on Teaching

Date	Role	Location	Event/Title
16 Jun 1991	Participant	New Orleans, LA	1991 ASEE Meeting
07 Jul 1991	Participant	Crested Butte, CO	1991 SPE Colloquium on Petroleum Eng. Education
01 Aug 1991	Participant	Las Colinas, TX	Review of NSF-sponsored <i>Initiative in Eng. Sc. at TAMU</i>
21 Jun 1992	Participant	Toledo, OH	1992 ASEE Meeting
Spring 1993	Participant	Texas A&M U.	<i>Teaching Portfolio Workshop</i> (several week workshop)
19 Jun 1993	Participant	Champaign, IL	1993 ASEE Meeting
11 Jul 1993	Participant	Terre Haute, IN	NSF Workshop: <i>Revitalizing the Eng., Mat., and Sc. Cur.</i>
Aug. 1993	Participant	Snowmass, CO	1993 SPE Colloquium on Petroleum Eng. Education
13 Jan 1995	Participant	Texas A&M U.	<i>Case Teaching Workshop</i>
23 Jul 1995	Participant	Snowmass, CO	1995 SPE Colloquium on Petroleum Eng. Education
20 Jul 1997	Participant	Breckenridge, CO	1997 SPE Colloquium on Petroleum Eng. Education
23 Jul 2000	Participant	Breckenridge, CO	2000 SPE Colloquium on Petroleum Eng. Education
15 Feb 2006	Participant	Dubai, UAE	SPE Middle East Colloquium On Petroleum Engineering

Professional Development

Date	Role	Location	Event/Title
22 May 1990	Participant	Texas A&M	TAMU Research Foundation: <i>Project Dev./Proposal Writing</i>
19 Jul 1992	Speaker	Snowmass, CO	1992 SPE Forum Series: <i>Gas Reservoir Engineering</i>
03 Oct 1992	Participant	Washington, DC	1992 SPE ATCE Event: <i>Technical Editor Workshop</i>
08 Aug 1993	Participant	Snowmass, CO	1993 SPE Forum Series: <i>Conformance Control</i>
17 Jul 1994	Speaker	Big Sky, MT	1994 SEG Forum Series: <i>Development and Production</i>
23 Jul 1994	Participant	Snowmass, CO	1994 SPE Forum Series: <i>Advances in Well Logging</i>
19 Sep 1994	Speaker	Baku, Azerbaijan	First Azerbaijan International Caspian Oil and Gas Conference
30 Jul 1995	Participant	Snowmass, CO	1995 SPE Forum Series: <i>Advances in Horizontal Wells</i>
06 Aug 1995	Speaker	Snowmass, CO	1995 SPE Forum Series: <i>Rejuvenating Marginal Fields</i>
30 Jun 1996	Participant	Breckenridge, CO	1996 SPE/SEG Forum Series: <i>Optimizing Reservoir Dev.</i>
13 Oct 1996	Exhibitor	Abu Dhabi, UAE	7th Abu Dhabi International Petroleum Ex. and Conference
13 Jul 1997	Participant	Breckenridge, CO	1997 SPE Forum Series: <i>Advances in Multilateral Well</i>
19 Jul 1998	Participant	Big Sky, MT	1998 SPE/SEG Forum Series: <i>Improved Reservoir Char.</i>
Jun 1999	Reviewer	Arlington, VA	NSF Review: <i>IGERT Program</i>
30 Sep 1999	Participant	Houston, TX	SPE ATW, <i>Well Testing in Gas Condensate Reservoirs</i>
30 Mar 2000	Participant	Calgary, AB	SPE ATW, <i>Well Testing in Gas Condensate Reservoirs</i>
03 Jun 2000	Speaker	Calgary, AB	2000 CIM Annual Meeting: <i>Well Testing</i> (panel discussion)
04 June 2001	Participant	Houston, TX	2001 SPE Research and Development Conference
04 Aug 2001	Participant	Park City, UT	2001 SPE Forum Series: <i>The Big Crew Change</i>
11 Feb 2002	Participant	Villahermosa, MX	2002 SPE Int. Petroleum Conference and Exhibition in Mexico
01 Jul 2002	Participant	Kansas City, MO	Kazakhstan Economic Development Meeting
26 Oct 2002	Speaker	Tehran, IRAN	U.S. NAS/IRAN AS: <i>Integration of Research/Teacher Training</i>
02 Nov 2002	Participant	Ramsar, IRAN	U.S. NAS/IRAN AS: <i>Workshop of the Ecology Caspian Sea</i>
31 Oct 2002	Speaker	Mahm-Abad, IRAN	PUT/Sharif U. (Iran) Program: <i>Petr. Eng. Ed. Opportunities</i>
04 Jan 2003	Speaker	Abadan, IRAN	PUT Abadan Program: <i>Perspectives on the Petroleum Industry</i>
Jul 2003	Visitor	Indonesia	U. Bandung: Invited visitor as part of "business" contingent
22 Dec 2003	Speaker	Tehran, IRAN	PUT Program: <i>Petroleum Engineering Opportunities</i>
30 Dec 2003	Speaker	Tehran, IRAN	PUT Program: <i>The Analysis of Production Data</i>
31 Dec 2003	Speaker	Abilee, IRAN	PUT/Sharif U. Program: <i>Petroleum Eng. as a Discipline</i>
03 Jan 2004	Speaker	Ahwaz, IRAN	PUT Ahwaz Program: <i>Womack Hill Field Study</i>
04 Jan 2004	Speaker	Abadan, IRAN	PUT Abadan Program: <i>Petroleum Eng. as a Discipline</i>
07 Jun 2004	Speaker	Calgary, AB	2004 CIM Annual Meeting: <i>Well Testing/Prod. Data Analysis</i>
14 Jun 2004	Speaker	Veracruz, MX	SPE ATW, <i>Low Permeability Turbidite and Shaly Reservoirs</i>
20 Jun 2004	Participant	Broomfield, CO	2004 SPE Forum Series: <i>Enhancing Value of Mature Fields</i>
27 Jun 2004	Participant	Broomfield, CO	2004 SPE/SEG Forum Series: <i>Well-Less Exploration</i>
06 Sep 2004	Participant	Nice, FRANCE	2004 Kappa Engineering User Group (Biennial Research Mtg)
08 Nov 2004	Participant	Puebla, MX	2004 SPE Int. Petroleum Conference and Exhibition in Mexico
06 Jun 2005	Participant	Veracruz, MX	SPE ATW, <i>Int. Geosciences/Eng. for Reservoir Char. Models</i>
19 Jun 2005	Participant	Broomfield, CO	2005 SPE Forum Series, <i>Technology Development</i>
26 Jun 2005	Participant	Broomfield, CO	2005 SPE Forum Series, <i>Reservoir to Sales Meter</i>
23 Oct 2005	Participant	Los Cabos, MX	2005 SPE Forum Series, <i>Future Challenges in Carbonate Res.</i>
26 Jan 2006	Participant	Houston, TX	SPE ATW, <i>Naturally Fractured Reservoirs</i>
21 Feb 2006	Participant	Margarita, VE	SPE ATW, <i>Key Technologies — Mature Fields</i>

References

Academic:	Professional:	Personal:
<p>Dr. Don W. Green Professor (and former Chairman) Dept. of Chemical and Petro. Eng. University of Kansas 4006 Learned Hall Lawrence, KS 66045-2223 (USA) TL: +1.785.864.2911 FX: +1.785.864.4967 EM: dgreen@ukans.edu (mentor/service collaborator)</p>	<p>Dr. Rodolfo Camacho-Velazquez Mgr. - E&P Technology Info Petroleos Mexicanos (PEMEX) E&P Miramar 26 — Col Cumbria Cuautitlan Izcalli 54740 Mexico City (MEXICO) TL: +52.55.19.44.90.51 FX: +52.55.19.44.25.00 EM: rgcamachov@pep.pemex.com (technology collaborator)</p>	<p>Mr. Douglas W. Gaither VP Engineering & Geology Gaither Petroleum Corp. 18000 Groeschke Rd #A1 Houston, TX 77084-5642 (USA) TL: +1.281.994.5400 FX: +1.281.994.5410 EM: dgaither@gaither-petroleum.com (childhood friend)</p>
<p>Dr. Ernest A. Mancini Professor Department of Geological Sciences University of Alabama 202 Beville Building Tuscaloosa, AL 35487-0338 (USA) TL: +1.205.348.4319 FX: +1.205.348.0818 EM: emancini@wgs.geo.ua.edu (research collaborator)</p>	<p>Mr. Louis Mattar President Fekete Associates Inc. 540 5th Ave SW #2000 Calgary, AB T2P 0M2 (CANADA) TL: +1.403.213.4200 FX: +1.403.213.4298 EM: louis@fekete.com (technology collaborator)</p>	<p>Mr. Randy Matson Texas A&M Foundation Texas A&M University College Station, TX 77843-1234 (USA) TL: +1.979.847.8700 x-135 FX: +1.979.845.3973 EM: randy-matson@tamu.edu (personal friend/mentor)</p>
<p>Dr. Erdal Ozkan Professor Department of Petroleum Engineering Colorado School of Mines 1613 Illinois Street Golden CO 80401 TL: +1.303.273.3188 FX: +1.303.273.3189 EM: eozkan@mines.edu (research collaborator)</p>	<p>Dr. George J. Moridis Staff Scientist-Group Leader Lawrence Berkeley National Lab. Earth Sciences Division 1 Cyclotron Rd MS90-1116 Berkeley, CA 94720 (USA) TL: +1.510.486.4746 FX: +1.510.486.5686 EM: gjmoridis@lbl.gov (research collaborator)</p>	<p>Dr. Bobby D. Poe Engineering Advisor Schlumberger 1325 S Dairy Ashford #300 Houston, TX 77077 (USA) TL: +1.281.285.1735 FX: +1.281.285.1927 EM: poe1@slb.com (research collaborator)</p>
<p>Dr. Stephen A. Holditch Professor and Head Department of Petroleum Engineering Texas A&M University College Station, TX 77843-3116 (USA) TL: +1.979.845.2255 FX: +1.979.845.1307 EM: holditch@tamu.edu (current supervisor)</p>	<p>Dr. Jay A. Rushing Reservoir Engineering Advisor Anadarko Petroleum Corporation 1201 Lake Robbins Drive The Woodlands, TX 77380 (USA) TL: +1.832.636.1334 FX: +1.832.636.8006 EM: jay_rushing@anadarko.com (research collaborator)</p>	<p>Dr. Bernard J. Seiller Deputy VP, Field Reservoir Dev. Total S.A. Tour Coupole 05G72 — GSR/VDG/RES Pl De La Coupole La Defense 92078 Paris (FRANCE) TL: +33.1.47.44.30.33 FX: +33.1.47.44.21.11 EM: bernard.seiller@total.com (colleague/technology collaborator)</p>

Personal Biography for Thomas A. Blasingame

(suitable for public release)

Tom Blasingame was born and raised in Lake Charles, LA, where he attended public schools and enjoyed an active lifestyle with many friends and a large extended family in the region. Tom's father (Rex Alwin (Bugs) Blasingame) was active in the local oil and gas industry and owned a drilling and well service firm until his untimely death in 1973. Tom's mother (Eugenia Frame (Jenny) Blasingame) was from the region and was active in many social causes, as well as caring for members of her extended family — Jenny passed away in 1998.

Tom attended Texas A&M University and received B.S., M.S., and Ph.D. degrees — all in Petroleum Engineering. He first married in 1986 to Julie Miller and they had no children. Julie and Tom divorced in 1993, but remain close friends and often share their holidays with mutual friends and visit each others families. Tom married again in 1995 to Jennifer (Johnston) Blasingame — Jennifer and Tom had met earlier in graduate school and in 1993 Jennifer decided to leave Engineering and pursue a career in medicine. Jennifer currently practices in the Bryan-College Station area as a physician specializing in Obstetrics and Gynecology.

While their careers demand much of their time and attention, Jennifer and Tom were blessed with the surprise births of their 2 children (John in 1998 and Genie in 2000) — the "surprise" is due not to the lack of knowledge in how such things occur, but rather, in the fact that in Jennifer's role, she was (more or less) responsible for "scheduling" the occurrences. Jennifer and Tom consider themselves "parents-in-training" and they devote the bulk of their personal time to their children. Tom travels often for work and looks forward to a time when the children reach an age where they can travel more frequently as a family.

Jennifer and Tom own a much older home in College Station as a primary residence, and they also own a retreat home in the Carter Lake community near College Station. They hope to someday renovate (or reconstruct/demolish) the primary residence — and Jennifer wants a swimming pool, but presently the children are satisfied with swimming in Carter Lake, Jennifer is another story. The family also enjoys the company of their "pets" — Chihuahua dogs ranging in age from 2.5 to 17.5 years.

Jennifer and Tom Blasingame have focused their careers on public service — Jennifer is a "people" doctor, she is completely devoted to her work — she has a very high-volume of patients, and she performs considerable volunteer and service work related to medicine in the community. Tom sees his role as a people facilitator — someone who takes every opportunity to help others connect with their goals. Jennifer and Tom would describe themselves as servants to the community — that is their goal, and their reward.