

ENERGY SYMPOSIUM

*A Comprehensive Look at Strategic
Imperatives for the United States*

TUESDAY, MARCH 5, 2013
OKLAHOMA MEMORIAL UNION
THE UNIVERSITY OF OKLAHOMA





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ENERGY INSTITUTE
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Enhancing the Business of Energy

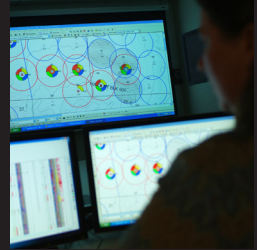
THE ENERGY INSTITUTE HELPS TO ADVANCE
INNOVATIVE AND SUSTAINABLE SOLUTIONS TO
THE CRITICAL ENERGY CHALLENGES FACING
THE GLOBAL COMMUNITY THROUGH
RESEARCH, EDUCATION AND OUTREACH

**ROBERT M. ZINKE ENERGY
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**ENERGY EXECUTIVE MASTER'S OF
BUSINESS ADMINISTRATION**



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WELCOME TO THE ENERGY SYMPOSIUM

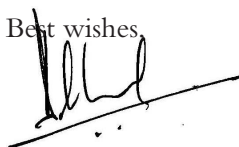
Dear Participants,

As the program co-chair, I'd like to personally welcome each of you to the Energy Symposium, organized by the Energy Institute at the University of Oklahoma's Price College of Business. The institute was established to fulfill the growing need to collaborate between energy and business. It is dedicated to fostering industry and policy-relevant research on cutting-edge issues at the interface of business and energy, and seeks to create a community of academics and practitioners. For more information about the institute, please visit price.ou.edu/energy.

This symposium's purpose is to discuss the critical importance of developing and implementing a pragmatic and enduring energy strategy for America's future. An impressive group of speakers, with expertise in the energy field, have accepted our invitation. The Evolving Global Energy Marketplace, Energy Challenges for the United States, and An Energy Strategy for Our Future are the topics that will be discussed at this symposium.

The planning committee has worked hard to make this conference an enjoyable and informative experience. Thank you for participating in this year's symposium; your involvement makes this conference a premier event in the energy community. Please enjoy the scheduled events and we hope you will attend future events organized by the institute.

Best wishes,



Dr. Dipankar Ghosh
Executive Director, Energy Institute
Price College of Business, University of Oklahoma



PROGRAM

TUESDAY, MARCH 5

WELCOME

Meacham Auditorium

Ken Evans – Dean of the Price College of Business

PANEL SESSION 1 – THE EVOLVING GLOBAL ENERGY MARKETPLACE

Meacham Auditorium

8:40 to 10:10 a.m.

Energy is of global importance and knows no true geographic or commodity boundaries. This session will focus on the global marketplace and the manner in which energy trends and competing demand for resources are affecting the priorities and behaviors of countries, particularly the United States. Panelists in this session will address a range of topics and issues:

Topics:

Geo-Political Factors Affecting Supply and Demand

China, Russia and the Impact of Mega-Powers

The Future of Oil Supply and Demand

Gas Supply from a Global Perspective

Managing Volatile Market Risk

Speakers:

Moderator: Bruce Stover – Retired Oil and Gas Executive

R. James Woolsey – Former Director, Central Intelligence Agency

Philip Lambert – CEO, Lambert Energy Advisors

Robert Sheppard – Former CEO, BP - TNK

General Wesley Clark – Retired Supreme Allied Commander Europe – NATO

Edward Morse – Global Head of Commodities Research, Citigroup

BREAK

David L. Boren Lounge



MORNING KEYNOTE ADDRESS

Meacham Auditorium

10:30 to 10:50 a.m.

Mary Fallin - Governor of Oklahoma

PANEL SESSION 2 - ENERGY CHALLENGES AND OPPORTUNITIES FOR THE UNITED STATES

Meacham Auditorium

11 to 12:30 p.m.

The US is reaching an inflection point related to its energy future. Traditional hydrocarbon resource development is changing the energy supply landscape, but infrastructure and policy challenges still exist.

Non-traditional energy sources offer new flexibility, but conflicting policy objectives are impacting the priorities and strategies of US energy companies. Panelists will address the following topics and issues:

Topics:

The New North American Supply Picture

Competition for BTU Market Share

Energy as a 21st Century Jobs Engine

Common Sense Environmental Thinking

Bridging the Political Divide

Speakers:

Moderator: Randy Brogdon – Partner, Troutman Sanders

J. Mike Stice – CEO, Access Midstream Partners

Alan Armstrong – CEO, Williams Cos.

George Kaiser – Energy Investor

Joe Craft – CEO, Alliance Resource Partners

Greg Armstrong – CEO, Plains All American Pipeline

LUNCH AND KEYNOTE SPEAKER

Molly Shi Boren Ballroom

12:40 to 1:50 p.m.

Adam Sieminski – Administrator

U.S. Energy Information Administration

PROGRAM

TUESDAY, MARCH 5

PANEL SESSION 3 – AN ENERGY STRATEGY FOR OUR FUTURE

Meacham Auditorium

2 to 3:30 p.m.

Without a clear and comprehensive strategy for addressing the energy future of the United States it will remain difficult to effectively respond to our many challenges and capture the benefits from our greatest opportunities. This session will focus on what a national energy strategy could look like and how to adopt a pragmatic and optimally beneficial “all of the above” model. Panelists will address the following topics and issues:

Topics:

The Necessity of Strategic Coherence
Parameters for a Comprehensive Strategy
Coexistence Among the Options
The Role of Break-Through Technologies
From Potential to Reality

Speakers:

Moderator: Tom Flaherty – Senior Partner, Booz & Co.

Tom Fanning – CEO, Southern Co.

Jeff Holzschuh – Vice Chairman, Morgan Stanley

Al Walker – CEO, Anadarko Petroleum Corp.

Greg Ebel – CEO, Spectra Energy Corp.

Mark Mills – CEO, Digital Power and Senior Fellow, Manhattan Institute

CLOSING REMARKS

Meacham Auditorium

3:30 to 3:45 p.m.

Bruce Stover – Chair of the Price College Energy Institute Advisory Board

KEYNOTE SPEAKERS



MARY FALLIN has been governor of Oklahoma since 2011. She was first elected to the Oklahoma House of Representatives in 1990. Four years later, Fallin was elected lieutenant governor of Oklahoma, an office she would hold for 12 years. During that time, she chaired the Fallin Commission on Workers' Compensation, and served on 10 other boards or commissions involving business and quality-of-life issues in Oklahoma. Fallin also served as president of the Oklahoma State Senate and,

in 2006, was elected to the U.S. Congress, where she represented the Fifth District of Oklahoma. In Congress, she served on the committees for small business, transportation and infrastructure, natural resources and armed services. Fallin is the vice chair of the National Governors Association and is a graduate of Oklahoma State University.



ADAM SIEMINSKI is administrator of the U.S. Energy Information Administration. Prior to his current role, he served as senior director for energy and environment on the staff of the National Security Council and was the chief energy economist for Deutsche Bank after also serving as the bank's director and energy strategist for the oil and gas equity team. Sieminski also served as an energy analyst for NatWest Securities in the United States, and acted as a senior adviser

to the Energy and National Security Program at the Center for Strategic and International Studies. He is a senior fellow and former president of the U.S. Association for Energy Economics, and served as president of the National Association of Petroleum Investment Analysts. Sieminski is a member of the Washington, D.C., investment professional society, and holds the Chartered Financial Analyst designation. He received both an undergraduate degree in civil engineering and a master's degree in public administration from Cornell University.

PANELISTS AND MODERATORS



ALAN ARMSTRONG became president and chief executive officer of Williams in January 2011 and serves as chairman and chief executive officer of Williams Partners, LP. He joined Williams in 1986 as an engineer, and since then has served various roles at the company, including director of commercial operations, vice president of retail energy services, vice president of commercial development, vice president of gathering and processing, and president of Midstream. Armstrong is a member of the National Petroleum Council,

Business Roundtable and American Petroleum Institute's board of directors. He also serves as a member and past chairman of the OU College of Engineering advisory board as well as the board for Junior Achievement of Oklahoma. Armstrong is a member of the executive committee of the Tulsa Metro Chamber, Tulsa's Future II Oversight Committee, the Williams Foundation, Teach for America – Oklahoma, Philbrook Museum of Art and the Oklahoma Business Education Coalition. Armstrong earned his bachelor's degree in civil engineering from the University of Oklahoma.



GREG ARMSTRONG is chairman and chief executive officer of Plains All American Pipeline, L.P. He was president, chief executive officer and director of Plains Resources Inc. from 1992 to May 2001, and served various other roles at the company since 1984, including treasurer, corporate secretary, executive vice president and chief financial officer. Armstrong is a director of the Federal Reserve Bank of Dallas, Houston Branch, and National Oilwell Varco, Inc. He is also chairman, chief executive officer and director of PNGS GP

LLC, a 100 percent owned subsidiary of PAA, which is the general partner of PAA Natural Gas Storage, L.P., a publicly traded MLP that is majority owned by PAA.



RANDY BROGDON is the co-practice group leader for the Environmental and Natural Resources Practice Group at Troutman Sanders, an international law firm with more than 600 attorneys. He has broad-based regulatory and litigation experience in the areas of environmental permitting and enforcement response, and counsels clients on environmental issues regarding the construction, acquisition and modification of power-generation and manufacturing facilities. Brogdon also has extensive experience with energy/environmental policy issues associated with fossil-fuel power plants, nuclear power plants, biomass facilities, utility-scale solar and wind projects, and a wide range of industrial operations. He has been recognized as one of America's Leading Lawyers for Environmental Law by Chambers USA; recognized in The Best Lawyers in America in Environmental Law; and selected by Law & Politics and Atlanta Magazine as a Georgia Super Lawyer in Environmental Law. Brogdon earned his bachelor of arts degree in political science and his juris doctorate from the University of Oklahoma.



WESLEY CLARK is retired supreme allied commander Europe - NATO. He spent 34 years in the Army and the Department of Defense, earning many military decorations, several honorary knighthoods, and a Presidential Medal of Freedom. Clark currently leads a political action committee, WesPAC, which was formed after the 2004 primaries and used to support numerous Democratic Party candidates in the 2006 midterm elections. Clark serves as the co-chairman of Growth Energy, an ethanol lobbying group, and on the board of directors of BNK Petroleum. Since July 2012, he also acts as an honorary special advisor to Romanian Prime Minister Victor Ponta in economic and security matters. Graduating as valedictorian of the West Point class of 1966, he attended the University of Oxford, where he obtained a degree in philosophy, politics and economics, and later graduated from the Command and General Staff College with a master's degree in military science.

PANELISTS AND MODERATORS



JOE CRAFT is president, chief executive officer and a director of Alliance Resources since 1999 and has indirect majority ownership of its managing general partner. He also serves as president, chief executive officer and chairman of the board of directors of AGP, the general partner of AHGP. Previously, Craft served various roles at MAPCO Coal Inc, including president, senior vice president, general counsel and chief financial officer. He currently serves as director for the Bank of Oklahoma, the Tulsa Community

Foundation, the Kentucky Chamber of Commerce and the U.S. Chamber of Commerce. Craft holds a bachelor of science degree in accounting and a juris doctorate from the University of Kentucky. He also is a graduate of the Senior Executive Program of the Alfred P. Sloan School of Management at Massachusetts Institute of Technology.



GREG EBEL is president and chief executive officer of Spectra Energy Corp. and a member of the company's board of directors. Ebel also serves on the board of directors for DCP Midstream, a joint venture between Spectra Energy and Phillips 66, and chairs the Interstate Natural Gas Association of America. Prior to his current role, he was Spectra Energy's chief financial officer and president of Union Gas, Spectra Energy's major Canadian natural gas utility company. Prior to serving as vice president of investor and shareholder relations and as managing

director of mergers and acquisitions for Duke Energy, Ebel served as vice president of strategic development for Westcoast Energy. Earlier in his career, he was advisor to the executive director of the World Bank Group in Washington, D.C., and also held positions as chief of staff to the minister of finance and deputy prime minister of Canada, and as senior advisor on privatization. Ebel received a bachelor of arts degree from York University, Toronto, Ontario, and is a graduate of the Advanced Management Program at the Harvard Business School.



TOM FANNING is chairman, president and chief executive officer of Southern Company, where he has served various leadership positions for more than 30 years. Before he began his current role in 2010, Fanning was the company's chief financial officer after serving as president and CEO of Gulf Power. Fanning serves on the board of directors of the Federal Reserve Bank of Atlanta and the Georgia Tech College of Management advisory board, and the board of trustees for the Georgia Tech Foundation. He also is a member of the Business

Roundtable and co-chairs the group's North American Energy Policy Development Committee. Fanning earned his bachelor's and master's degrees in industrial management from Georgia Tech. His executive education includes programs at the International Institute for Management Development in Lausanne, Switzerland, the Harvard University School of Business and the University of Virginia's Darden School of Business.



TOM FLAHERTY is a senior partner with Booz & Co. and has more than 39 years of experience with the power and natural gas sectors. During this period he has directed a range of engagements in the areas of corporate planning, growth strategy, business restructuring, mergers and acquisitions, business diversification, performance transformation, market entry, project and construction management, financial planning, operating model and organization design. He has authored articles and viewpoints addressing

mergers and acquisitions, risk management, construction management, operating models and cost management. He also is a contributing author to Booz & Co.'s "Merge Ahead" publication on mergers and acquisitions. Prior to joining Booz Allen Hamilton in 2004, he was a senior partner with Deloitte Consulting. He holds a bachelor of business administration degree in accounting from the University of Oklahoma and is a certified management consultant and member of the Institute of Management Consultants.



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PANELISTS AND MODERATORS



JEFF HOLZSCHUH has worked at Morgan Stanley for the past 29 years and is the chairman of Institutional Securities Group, which includes the Investment Banking, Capital Markets, Equity, Fixed Income and Commodities Divisions. In addition, he is a member of Morgan Stanley's Management Committee and serves as chairman of the firm's Global Power and Utility Group and Environmental Policy Committee, as well as president of the firm's investment in venture capital business. He serves on the United States Electricity

Advisory Board, is chairman of the EEI Wall Street Advisory Group and is a founding member of the U.S. Partnership for Renewable Energy Finance. Holzschuh also serves as chairman of the board of his alma mater, Niagara University in Lewiston, N.Y., where he graduated from the school's College of Business Administration in 1982.



GEORGE KAISER is president, CEO and owner of GBK Corp., parent of Kaiser-Francis Oil Co., which he has managed for over 45 years. He is chairman of the board and majority shareholder of BOK Financial Corp., and a majority shareholder of several oil and gas, mining, manufacturing and technology companies. He also founded Excelerate Energy and, through Argonaut Private Equity, has controlling or significant minority interests in more than 50 companies in various industries, including the United States, India and Australia. Kaiser founded

the Tulsa Community Foundation and Tulsa Educare, Inc. He has served as an Oklahoma Regent for Higher Education, was a trustee for the University of Tulsa, a national elected director of the Harvard Alumni Association and chaired the board of trustees of Hillcrest Medical Center. Kaiser earned both his bachelor of arts and master of business administration degrees from Harvard University.



PHILIP LAMBERT is chief executive officer of Lambert Energy Advisory Ltd, which is one of London's leading mergers and acquisitions and strategic advisory firms dedicated solely to the global energy sector. Before co-founding the company in 1999, Lambert served as head of the global investment banking team at the former investment bank Dresdner Kleinwort. Lambert joined Kleinwort Benson, which was later acquired by Dresdner Bank, in 1986 as an analyst and later served in the bank's corporate finance division. Before joining Kleinwort,

Lambert was a stockbroker at Sheppards & Chase. He is a graduate of Edinburgh University, where he studied history.



MARK MILLS is founder and CEO of the Digital Power Group, a tech-centric capital advisory group. He was formerly the co-founder and chief tech strategist for Digital Power Capital, a boutique venture fund, and was co-founder, chairman and CTO of ICx Technologies. Mills also served as a technology advisor for Banc of America Securities, and co-authored an energy-tech investment newsletter, the Huber-Mills Digital Power Report, published by Forbes and the Gilder Group. He served in the White House Science Office under

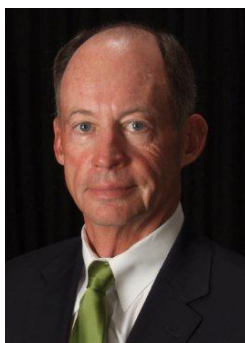
President Reagan, and early in his career he was an experimental physicist and development engineer at Bell Northern Research in fiber optics, defense and solid-state devices, fields in which he holds several patents. Mills is a member of the advisory council of the McCormick School of Engineering and Applied Science at Northwestern University, serves on the board of directors of the Marshall Institute and is a senior fellow of the Manhattan Institute. He holds a degree in physics from Queen's University, Canada.

PANELISTS AND MODERATORS



EDWARD MORSE is a managing director and the head of global commodities research at CitiGroup Global Markets, Inc. in New York. He previously held similar positions at Lehman Brothers, Louis Capital Markets and Credit Suisse. Widely cited in the media, he is a contributor to such journals as *Foreign Affairs*, *Financial Times*, *The New York Times*, and *The Washington Post*. He worked in the U.S. government at the State Department and later was an advisor on issues related to oil, natural gas

and the impact of financial flows on energy prices to the United Nations Compensation Commission on Iraq, as well as to the U.S. Departments of State, Energy and Defense and to the International Energy Agency. Morse is a former Princeton professor and author of numerous books and articles on energy, economics and international affairs.



BOB SHEPPARD is chairman of IPM Advisors, an international consulting firm that provides senior-level advice to the oil and gas and related industries. He also is a senior advisor to BP on Russia and CIS, is a non-executive director of the Eastern European Trust and is a member of the company's audit, management engagement and nominations committees. Sheppard also is a member of the supervisory board for DTEK, a private energy company operating in the Ukraine, and served as a board director for TNK-BP. Prior to

launching IPM Advisors, he was a senior vice president at BP, and was first chief operating officer and then president of Sidanco, the fourth-largest integrated oil company in Russia. Sheppard also held various positions at Amoco for 25 years before it merged with BP in 1999. Sheppard earned a bachelor of science degree in physics from the University of Wyoming and an executive master's of business administration from Columbia University School of Business.



BRUCE STOVER is a retired executive vice president and was a founding member of Endeavour International Corp., an independent U.S. and North Sea-focused oil and gas exploration and production company. With 40 years of U.S. and international experience in the oil and gas industry, Stover has an extensive background in engineering operations, business development, and mergers and acquisitions. Prior to joining Endeavour, Stover held a number of management positions with Anadarko Petroleum Corp. over a 23-year period after beginning his career with

Amoco Production Co. He is a 1971 graduate of the University of Oklahoma and has received the university's Regents Distinguished Graduate Award as well as being named to the College of Engineering's Distinguished Graduates Society. He currently serves as chairman of the OU Energy Institute advisory board and is a member of the board of directors of Bristow Group Inc., a global offshore helicopter service provider to the oil and gas industry.



J. MIKE STICE is chief executive officer of Access Midstream, formerly Chesapeake Midstream Partners. Prior to joining the company, Stice served as president of ConocoPhillips Qatar in Doha, Qatar, from 2006 to 2008. He has more than 25 years of exploration, production, midstream and gas marketing experience working for ConocoPhillips in Australia, Singapore and a variety of domestic locations. Stice is a member of the University of Oklahoma's board of visitors for the Mewbourne College of Earth and Energy and the College of

Engineering. He also is a member of the American Institute of Chemical Engineers and was recently named a member of the Southern Gas Association's board of directors. Stice is a 1981 graduate of the University of Oklahoma, a 1995 graduate of Stanford University and he recently completed a doctorate of education at George Washington University.

PANELISTS AND MODERATORS



AL WALKER is president, chief executive officer and director of Anadarko Petroleum Corporation. He joined Anadarko in 2005 as senior vice president and chief financial officer, later serving as president and chief operating officer. Walker is a director of CenterPoint Energy Inc., Western Gas Equity Holdings, LLC, and Western Gas Holdings, LLC, subsidiaries of Anadarko and general partners of Western Gas Equity Partners, LP and Western Gas Partners, LP, respectively. He is currently on the board of trustees for the Houston

Museum of Natural Science. Walker previously served on the Board of Trustees of Temple-Inland Inc. in Austin, Texas, and the Board of Trustees for the United Way of Greater Houston.



JAMES WOOLSEY is former director of the U.S. Central Intelligence Agency. Before serving as director from 1993-1995, he was an ambassador and U.S. representative for negotiations on Conventional Armed Forces in Europe and, prior to that, served on various President's Commissions, including Strategic Forces, Defense Management and Federal Ethics Law Reform. He also was a delegate-at-large for the U.S.-Soviet Strategic Arms Reductions Talks and Nuclear and Space Talks in Geneva.

Woolsey's early career includes serving as a captain in the U.S. Army and program analyst for the Office of the Secretary of Defense. He later served on the National Security Council staff and was an adviser with the U.S. Delegation to the Strategic Arms Limitations Talks I in Helsinki and Vienna. He also served as general counsel for the U.S. Senate's Committee on Armed Services and was a partner for Shea Gardner law firm.

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Enhancing the Business of Energy

The Energy Institute at the Price College of Business aims to create a community of practitioners and academics with a results-oriented interdisciplinary perspective seeking to advance innovative and sustainable solutions to the critical energy challenges facing our country and, more broadly, the global community. The institute also seeks to leverage OU's broad footprint in the energy industry and the nexus of energy-related firms, financial institutions, and federal and state agencies with a vision of integrating the energy-focused initiatives at OU in a global context.

This will be achieved by:

Education

Educating students on managing the multiple facets of the business-energy interface in an integrative way, thereby preparing them for future leadership positions in private, public or governmental sectors.

Research

Fostering and promoting industry and policy-relevant research and dialogue on cutting-edge issues that span academic boundaries at the interface of business and energy.

Outreach

Providing a forum for periodic practitioner and academic conferences addressing contemporary topics in business-energy solutions and becoming a leading and trusted resource for analyses and policy relating to all areas of business of energy.