Eve S. Sprunt, Ph.D.

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AWARD WINNING ENERGY LEADER

Accomplished thought leader with experience working with top management and government leaders around the world. Extensive technical knowledge of geoscience and petroleum engineering relevant to exploration, production, economics, subsurface integrity, geothermal resources and emerging energy sources. Founded the Society of Core Analysts and led an effort to revise the API Recommended Practices for Core Analysis. Served as the 2006 President of the Society of Petroleum Engineers with worldwide network and experience in the petroleum industry and in alternative energy, environmental policy, venture capital, university relations, building educational programs in developing countries, and workforce issues including those impacting dual career couples and women, and attracting and retaining technical professionals.

Thought Leader ♦ Strategist ♦ Speaker ♦ Writer ♦ Networker

PROFESSIONAL EXPERIENCE

CONSULTANT 2014 - present

- STEM & professional women: retention, dual career & work-life integration issues
- Webinars
- Author
- Unconventional and conventional resources, Sustainability, Renewable energy,

CHEVRON CORPORATION - San Ramon, CA

2000 to late 2013

Advisor Geological R&D, Energy Technology Company (2012-present)

Business Development Manager, Energy Technology Company (2009-2012)

Support ongoing R&D Division business and projects as an advisor providing background knowledge of the business across a broad range of technologies. .

- Leverage Chevron technology for successful bids for deepwater and unconventional resource blocks.
- Orchestrate ministerial visits including technical presentations for non-technical audiences in support of competitive bids.

University Partnership and Recruiting Manager (2006-2008)

First manager of program to manage philanthropic programs with selected universities worldwide.

- Developed award-winning philanthropic programs that were specially crafted for selected universities worldwide including programs in Kazakhstan and Australia.
- Responsible for all Chevron University recruiting and met targets during a period of talent shortages.

Society of Petroleum Engineers President (2006)

Leader of almost 70,000 members in 160 sections in 64 countries, more than 140 student chapters in 43 countries, and about 175 FTE staff employees in 5 offices (Dallas, Houston, London, Dubai, and Kuala Lumpur).

- Met with senior industry, government officials worldwide to promote SPE as the industry's premier society.
- Initiated SPE effort to capture leadership role in development of the texts of a globally harmonized common standard for reserves and resources classifications and signed MOU with the United Nations Economic Commission for Europe (UNECE).
- Led creation of new long range plan for SPE that laid out five-year plan for the society, which has now grown to over 110,000 members.

Senior Technical Advisor, Technology Ventures (2003-2007)

Initiated and led scenario planning effort, which was used to guide business planning for several years. Managed Advanced Energy Focus Area which comprised the research portfolio in a wide range of non-petroleum energy technologies.

- Initiated and led scenario planning effort, which was used to guide business planning for several years.
- Coordinated research in advanced energy and identified biofuels as key technology focus.

Portfolio Executive, CTTV, Venture Capital Teams (2001-2003)

Member of three-person team that managed venture capital funds investing in technology, energy and power opportunities (information technology, photovoltaics, fuel cells and other emerging energy technologies).

- Analyzed over 100 potential venture capital opportunities/year using deep understanding of technology, economics, adoption cycles, deployment requirements and energy infrastructure issues.
- Managed Chevron's investment in several companies as Chevron's board observer.

Senior Science and Technology Coordinator, HSE (2000-2001)

Responsible for managing corporate-wide Global Climate Change Policy.

- Revised strategy to focus on climate change as a business issue.
- Identified the need for and led creation of a computer inventory system for tracking corporate greenhouse gas (GHG) emissions. The database enables compliance with a wide range of possible regulations.

MOBIL OIL CORPORATION

1978 to 1999

Business Advisor/Senior Engineering Advisor

New Exploration and Producing Ventures (1994 to 1999)

Identified new business opportunities by developing bid terms and analyzing global and regional energy markets to assess supply and demand for gas and LNG.

- Identified, evaluated, and presented to senior management global new business opportunities capable of generating at least \$100 million cash flow per year.
- Shaped Mobil's international image by developing seminars and a video in support of global deepwater exploration strategy.
- Led ten year multinational, multi-company committee to consensus and to publication of new "API Recommended Practices for Core Analysis." Motivated volunteers through collaborative approach.

Activity Leader/Project Leader/Research Associate

Mobil Research and Development Corporation (1978 to 1994)

Researched and provided technical service expertise in core analysis, formation damage, drilling fluids, sand control, hydraulic fracturing, and acoustic properties.

- Led core analysis study that proved an additional 2.2 TCF gas reserves in the Arun Field in Indonesia, which justified additional LNG train.
- Developed new core fluids for the Arun Field to prevent drilling fluid damage to vuggy carbonate cores so that more accurate reserves assessment could be made.
- Pioneered use of shear acoustic anisotropy to determine in situ stress direction to optimize hydraulic fracturing.
- Evaluated, purchased and installed Mobil's first x-ray CAT scanner. Used scanner to add reserves, increase production, and assess formation damage.
- Led selection of non-damaging drilling and completion fluids for horizontal wells that enhanced production and enabled more accurate formation evaluation.

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PROFESSIONAL SOCIETY LEADERSHIP

Society of Petroleum Engineers (SPE, 1980- present)

Honorary Member (2010) - highest award

2006 SPE President

Distinguished Member (2000)

Columnist, JPT (1993-2000), Guest columns 2002-2003

Distinguished Lecturer (1998-1999)

The Senior Technical Editor, supervised all 7 periodical publications (1993-1996)

Member, SPE Board of Directors (1991-1994)

Executive Editor, SPE Formation Evaluation journal (1988-1990)

Program Committee Chairman, SPE Annual Technical Conference (1988) North, East & Central Texas Region Service Award (1996)

Society of Women Engineers

Recipient of the 2013 Achievement Award (highest award)

Society of Exploration Geophysicists

Elected in 2014 as Vice President

American Petroleum Institute (API)

Chairman Subcommittee on Core Analysis (1989-1998)

Society of Professional Well Log Analysts (SPWLA, 1980 - present)

Co-chairman SPWLA Conference on Formation Evaluation by Electrical Methods (1988)

Distinguished Speaker (1988-1989)

 Society of Core Analysts (SCA) a chapter-at-large of the Society of Professional Well Log Analysts (1985present)

Founder (1985) and second president (1986-1987)

Chairman SCA Electrical Properties Committee (1985-1988)

Initiated and coordinated 25 laboratory electrical resistivity measurement comparison

MIT

Educational Council (1983-2000)

Visiting Committee, Sponsored Research (1996-2000)

Colorado School of Mines

Department of Petroleum Engineering, Visiting Committee (1996 - 2001)

Selection Committee for Chesebro' Distinguished Chair Professorship (2005 - 2006)

 Other professional society memberships: American Geophysical Union (1972 – present), Society of Exploration Geophysicists (1975 – present), Geological Society of America (1976 – present). Sigma Xi (1972 – present), Association for Women in Science (2001 - present), Society of Women Engineers (2006 – present)

ADDITIONAL ACCOMPLISHMENTS

- More than 120 editorial columns on industry trends, technology and workforce issues.
- 23 patents, 28 technical publications, edited 2 books including one with all Chinese authors.
- Invited contributor to Oil and Gas Journal special issue and the Energy Policy Volume of the Encyclopedia of Life Support Systems.
- 1991 SPE Formation Evaluation Best Paper Award (co-author from Saudi Aramco).
- Columnist and regular contributor to Hart's E & P (2001 2009), colmnist for World Oil (2014)

EDUCATION

- Ph.D., Stanford University, Department of Geophysics (National Science Foundation Fellowship)
- M.S., M.I.T., Department of Earth and Planetary Sciences
- B.S., M.I.T., Department of Earth and Planetary Sciences

PUBLICATIONS

Webinar Recordings:

Webinar Recordings:

March 27, 2014 SPE Webinar on Managing Dual Careers in a 24/7 World http://eventcenter.com/partners.com/se/Meetings/Playback.aspx?meeting.id=459909

March 25, 2014, AWIS Webinar on The Dual Career Challenge http://www.awis.org/events/event_details.asp?id=418220&hhSearchTerms=%22sprunt%22

February 25, 2014 AWIS Webinar on Strategies to Retain Mid-Career Female Scientists http://www.awis.org/events/event_details.asp?id=381364&hhSearchTerms=%22sprunt%22

Non-Technical Publications

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- Sprunt, Eve, 2014, Using Metrics to Drive Change, HartEnergy E&P (epmag.com), V. 87, No. 11, pp. 18 20. http://www.epmag.com/using-metrics-drive-change-758491
- Sprunt, Eve, 2014, Factory Drilling is no Substitute for Formation Evaluation, World Oil, v. 235, No. 7, http://www.worldoil.com/July-2014-Factory-drilling-is-no-substitute-for-formation-evaluation.html
- Sprunt, Eve, Nancy House, and Maria Angela Capello, 2014, SEG survey on dual career-couples and women: The Hidden Diversity of Dual-Career Couples, The Leading Edge, v. 33, No. 7, pp. 812 816.
- Sprunt, Eve, Nancy House, and Maria Angela Capello, 2014, SEG survey on dual career-couples and women: Implications for the future of our Society, The Leading Edge, v. 33, No. 4, pp. 460 462.
- Sprunt, Eve, 2014, Why Supermajors Botched Unconventionals, World Oil, V. 235, No. 3, pp. 63-64.
- Sprunt, Eve, Susan Howes and Michael Pyrcz, 2014, Talent & Technology—Impact of the Big Crew Change on Employee Retention, Journal of Petroleum Technology, V. 66, No. 3, http://www.spe.org/jpt/article/5908-talent-technology-impact-of-the-big-crew-change-on-employee-retention/
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- Sprunt, Eve, 2013, The evolving work force in E&P, Hart Energy E&P, v. 86, No. 12, 2013, p. 38 40.
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- Sprunt, Eve S., "Retaining female employees in the 21st century," **Harts E&P**, v.81, No. 10 (October 2008), p. 108.

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- Sprunt, Eve S., "We Live in Interesting Times," Hart's E&P, v. 79, No. 11 (November, 2006), p. 93.
- Sprunt, Eve S., "Desperate customers wanted," Hart's E&P, v. 79, No. 9 (September, 2006), p. 125.
- Sprunt, Eve S., "Let's Make Championing Our Industry's Image a Personal Mission," "Stand Tall and Speak Up," **JPT**, v.58, No. 8 (August, 2006), pp. 12, 14.
- Sprunt, Eve S., "Beyond Technology Our Commitment to Social Responsibility," "Stand Tall and Speak Up," **JPT**, v.58, No. 7, (July, 2006), pp. 12, 14.
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- Sprunt, Eve S., "Too Much Experience May Backfire," Management Report, **Hart's E&P**, v 76, No. 12 (December 2003), p. 7-8.
- Sprunt, Eve S., "Is the Sky Falling," "The Last Word," **Hart's E&P**, v. 76, No. 11 (November 2003), p. 96.
- Sprunt, Eve S., "Look Beyond the Dirty Word," "The Last Word," **Hart's E&P**, v. 76, No. 08 (August 2003), p. 95.
- Sprunt, Eve S., "Surviving Relationships," "The Last Word," **Hart's E&P**, v. 76, No. 05 (May 2003), p. 96.
- Sprunt, Eve S., "Make Teams Work," "The Last Word," **Hart's E&P**, v. 76, No. 02 (February 2003), p. 104.
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- Sprunt, Eve S., "Awaken Employee Assets," "The Last Word," **Hart's E&P**, v. 74, No. 11 (November 2001), p. 112.
- Sprunt, Eve S., "Reawaken Your Career," "The Last Word," **Hart's E&P**, v. 74, No. 8 (August 2001), p. 112.
- Sprunt, Eve S., "Matching Words and Deeds," "The Last Word," **Hart's E&P**, v. 74, No. 5 (May 2001), p. 104.
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- Sprunt, Eve S., "Speaking Up," (Subject: Work-family balance—bringing work home), **JPT**, v. 51, No. 7 (July 1999), p. 12.
- Sprunt, Eve S., "Speaking Up," (Subject: Treating oil prices as a boundary value problem), **JPT**, v. 51, No. 5 (May 1999), p. 14.
- Sprunt, Eve S., "Speaking Up," (Subject: Work-family balance—role of communication and organization in gaining understanding from family and management), **JPT**, v. 51, No. 3 (March 1999), p. 14.
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- Sprunt, Eve S., "Speaking Up," (Subject: National oil companies going international—upstream), **JPT**, v. 49, No. 11 (November 1997), p. 1176.
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