President's Column

Opportunity to Give Back

It was May of 1977 that I was introduced to the Petroleum Business. I had graduated from the University of Idaho with a B.S. in Geological Engineering with the idea of traveling the world doing mineral exploration. The mid-70’s was not a good time for the mining industry but the petroleum industry was booming. David Hawk, the manager of I.G.C. Production Company—subsidiary of Intermountain Gas Company (natural gas utility for Idaho) gave me my break. With no experience in the petroleum industry or “soft-rock” experience, he hired me for the summer. I was pointed to his vast library on the Petroleum Industry and told to start copying and reading. He then gave me several assignments to survey the outcrops throughout the western part of the Snake River Plains and to put together information on the potential for natural gas. To my surprise I found that in the early 1920’s a rig caught fire near the town of Payette, Idaho and there were several old wells that were heating some homes, but nothing commercial. I investigated the many outcrops of low-grade coal that might be providing some of the source for the gas accumulations. The company was drilling wells on the Douglas Creek Arch (Piceance Basin) near Rangely, Colorado and taking leases in the overthrust belt of Idaho.

This summer job led to the company funding my Master thesis work. I sat my first well the summer of 1978 near Driggs, Idaho looking onto the Tetons. Even though I was to be the company representative and learn all about mudlogging, drilling, and geology, I soon realized the “real” geologists at the time wanted me to be scouting out the best fishing holes for when they came to the drillsite. What I would give to be young again. This well happened to be in the middle of my thesis area and was eventually used as part of my study of the Cretaceous stratigraphy in the area.

So what is my point? I wouldn’t be here today writing this story if David Hawk had not mentored me and given me a taste of the Oil Business. I have enjoyed the ride, both the down-times and the up-times. I hope we have a few more years of these good times.

There are a number of companies hiring recent graduates and sponsoring summer interns. I would like to encourage more of you to do so. I know some sole proprietors that utilize high school students and undergraduates. It does take a little time, but the rewards are fantastic.

WTGS is sponsoring the Maps-in-School Program. PBS-SEPM is hoping to sponsor an intern field trip this summer. PBS-SEPM, with the help of a number of sponsors, is providing six students an opportunity to join us on the upcoming Spring Field Trip April 4-6. SPE, PBGS, WTGS, PBS-SEPM all give out scholarships to deserving students. For so many years no one wanted to go into the Petroleum Industry. Now, there is a real need for the next generation to hand off the baton and set forth. Are you going to stand by?

Be a hero to a young person—I would like to say thank you to all the David Hawks in our industry that share their experience and time.

David J. Entzminger

It was three years of hard work in the region’s endeavor to bring the world’s first near-zero emissions coal-fired power plant to the Permian Basin at Penwell, Texas. Although we weren’t selected, we have realized the positive outcome of bringing our communities together to work on a common goal. It was truly a regional effort and opened the doors for communication as we work to bring significant energy projects to the Permian Basin.

The Permian Basin is the best-suited location in the country for Clean Coal Technology, because we have a CO\textsuperscript{2} market and regard CO\textsuperscript{2} as a commodity rather than a waste. It is common knowledge to this group that the Permian Basin needs CO\textsuperscript{2} to extract more oil from our existing mature fields. And, not only is CO\textsuperscript{2} injection the best way to get it out, it is currently selling at an all-time high of $1.50 to $2.00 per mcf. This represents a significant revenue stream for a power plant that has the ability to capture and sell the gas using IGCC (Integrated Gasification Combined Cycle) technology.

The outlook for the basin is “opportunity”: wind farms, nuclear projects, solar photovoltaic research, clean coal technology, and the continued development of our oil and gas resources.

Our main challenge is attracting skilled workers as we are reaching full employment of the existing labor force. However, when these projects come with accompanying large payrolls, they will attract the workforce. We will do all that we can to continue to meet training needs through our community colleges and the University systems – both UTPB and Texas Tech University.

Our Permian Basin communities understand energy better than any geographic location in the country. Pulling together to bring regional innovative projects to the Permian Basin will continue to allow our area communities and economies to thrive.
W. Hoxie Smith, M.S., P.G. – Mr. Smith graduated from Colorado State University with a B.S. Degree in Geology (1982) and joined ARCO Exploration Company, Denver, Colorado where he conducted exploration for hydrocarbons in the complex overthrust region of western Montana. He received his Master's Degree in Geology from the University of Texas of the Permian Basin (1995) while working for Dawson Geophysical Company in Midland, Texas and serving as the Project Manager for a U.S. Department of Energy Project. From 1996 he served full-time as a Principal and Vice President of GeoSpectrum, Inc., a reservoir development company based in Midland. Mr. Smith has presented at numerous professional society meetings, including national conventions of the American Association of Petroleum Geologists, the Society of Exploration Geophysicists, and the Society of Petroleum Engineers. He has authored and co-authored over twenty-five publications in his field. Mr. Smith is currently the Director of Midland College’s Petroleum Professional Development Center providing continuing education coursework and timely industry-oriented workshops for oil and gas professionals. He is the current Chair and Continuing Education Director of the Permian Basin Section of the Society of Petroleum Engineers; Past-President, Permian Basin Geophysical Society; a member of the Midland Annual CO² Conference Committee; as well as holding a recent position as Regional Coordinator for FutureGen Texas.

Mark your Calendars

APRIL

April 3: PBS-SEPM Board Meeting

April 4-6 PBS-SEPM Annual Field Trip - "Leonardian Slope Transition Facies of the Guadalupe Mountains"

April 8: Richard G. (Dick) Boyce - "Pinon Field Study with Implications for Texas Overthrust Natural Gas Exploration"

April 9: PBGS Luncheon Meeting
Speaker: Kevin Werth and Larry Linardi
Topic: "3D Seismic Acquisition Program at DFW Airport"

April 15: Hoxie Smith, Director of PPDC – "FutureGen's Aftermath, the Opportunities Ahead”

April 17: SIPES Luncheon Meeting

April 20-23: National AAPG Convention - San Antonio, Texas
April 2008

April 23-26 WTGS Field Trip "Cambro-Ordovician Rocks of Central Texas: Application to the Subsurface”

MAY

May 13 WTGS Luncheon Meeting
Speaker: Tony D'Agostino, OMNI Laboratories Weatherford Core Evaluation Svcs., Houston, TX

May 19: PBS-SEPM Board Meeting
May 20:  Dr. Robert (Bob) G. Loucks
Sr. Research Scientist, Bureau of Economic Geology, University of Texas at Austin; “Karsting or Hydrothermal-Dolomites: What is the Reservoir Development in the Ellenburger”

May 22 WTGS Awards Dinner, Petroleum Club, 6:30pm. Please call the office for reservations no later than Tuesday, May 20.

Let us tell your story of the Permian Basin History

We are featuring a new item in the newsletter which includes a story from our “well-seasoned” geoscientists. These may be their favorite plays, that once-in-a-lifetime project or well, or stories about their fellow workers (the pictures could be very interesting). If you would like to write a story or know of someone that would like to contribute, please contact David Entzminger, 686-6741.

Are you a PBS-SEPM member?
Applications on the website: www.pbs-sepm.org

PBS-SEPM- upcoming elections

In the next few weeks you should be receiving a ballot for the 2008-09 slate of officers. I would encourage you to get involved by voting. The society only gets stronger with your participation.

If you would be interested in a position on a committee or the board, please contact any of the current board members found on page 9 of this newsletter.

PERMIAN BASIN SECTION – SEPM
OFFICER CANDIDATES 2008/2009

PRESIDENT ELECT

Fred H. Behnken Kinder Morgan Production Company, L.P.

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Staff Geologist
Kinder Morgan Production Company, L.P.
Previously consulting as FHB Stratigraphic Services, ARCO Permain, ARCO Exploration Co., Mesa Petroleum, Union Oil of California, Asst Prof. (Geol) at Augustana College, IL and Texas Tech University, Lubbock.
Augustana College - BA Geol 1967
University of Wisconsin, Madison -MS Geol 1969 and Ph.D. Geol 1972
PBS-SEPM 1970-
PBS-SEPM Treasurer, 2nd VP, 1st VP, President-Elect, and President.
National SEPM Member 1969-
Gulf Coast Section SEPM
WTGS Member 1970-
AAPG Member 2006-
Roswell Geological Society 1985-
SPE Member
Paleontology Society 1968-2007
Texas Licensed Professional Geologist

1ST VICE PRESIDENT

Hollie Lamb Stanolind Oil and Gas Corp.
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Lakehead University – BS – Engineering (Civil)
Northern College – Survey Technician & Architectural Technician
WTGS Member – 2005 –
WTGS Luncheon Coordinator July 2007 -
SEPM Member – 2005 –
SEPM Field Trip Committee 2007
SPE Member – 2005 –
2nd VICE PRESIDENT

Terri McGuigan Independent

Biographic Information
Previously Land Manager – Endeavor Energy Resources, LP
University of Texas of the Permian Basin – BS Geol 2005
and currently obtaining MS Geol
SEPM Member - 2004
PBS-SEPM Member – 2003 -
PBS-SEPM Treasurer – 2007-2008
AAPG Member - 2002
WTGS Member – 2003 -
WTGS Fall Symposium Co-Chair Moderators and Judges –
2006, 2007
WTGS Delegate to SWS – AAPG – 2007-2010
AAPL Member 1998
Certified Professional Landman - 1999
PBLA Member 2006

TREASURER

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PBS-SEPM Member 1996-
PBS-SEPM 2nd Vice President 2007-2008
WTGS Member 1996-
WTGS Continuing Ed. Chairman 2006-2008
AAPG & AAPG-DEG Member 2000-
AAPG-DEG Health & Safety Committee 2006-2007
SWS-AAPG: DEG Advisory Board Member
2003-2004
SWS-AAPG 2004 State Conference – Environmental Session Technical Committee &
Moderator
Business & Professional Women Member 2004-
BPW Corresponding Secretary 2006-2008
BPW Communications Chair 2004-2008
NGWA Member 1996-
SPE-ESG Member 1996-
Texas Licensed Professional Geoscientist
Tennessee Registered Professional Geoscientist

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University of Texas of the Permian Basin – MS 2005
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SEPM Member - 2003
ALASKA MINERS ASSOCIATION - 2003
ALASKA GEOLOGICAL SOCIETY - 2003
IAS Member - 2006
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NOTE: President-Elect, 1st Vice President, &
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If you are interested in a sponsorship opportunity, please call Paula Mitchell for more details at (432) 683-1573

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The compilation of all the Tables of Contents is a quick reference to all PBS-SEPM publications. Since this file has been OCR, one can use word searches to find a publication, article, subject or author. On the Toolbar, you will find a binocular “search”, click on it and you will get the search menu (Figure 1, p. 7). By simply typing in the information you would like to find, and clicking the search key, you will be shown to all the places that have that word or words (Figure 2, p. 7).

All publications have been Bookmarked and put into three categories: Publications, Special Publications or Core Workshops (Figure 3, p. 7). By simply clicking on any of these categories, they will expand to the publication list. “Click” on the desired publication and you will be taken directly to that page. All publications have a “Table of Contents” associated with them and by going to the next page(s), you will be able to view all the articles in that publication. You can also get to any of the “Tables of Contents” from the bookmarks by expanding any of the individual publications and “clicking” on the Table of Contents below the publication of choice.
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Figure 2: Search retrieval
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This includes all publications, even the special publications and coveted core workshops. Many items not in original publications. Can you imagine the hidden treasures you have missed? Here is your chance to uncover them.

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