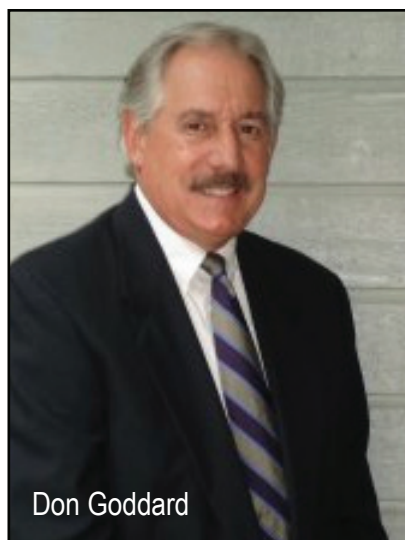




# NOC Newsletter

Volume 8, Number 6

September 2008



Don Goddard

## **Dr. Don Goddard** **LSU Center for Energy Studies** **Director PTTC** **"The Bossier-Haynesville Shale,** **N Louisiana Salt Basin: Geological** **and Geochemical Characterization"**

### **Tuesday, September 16th** **Andrea's Restaurant, Metairie**

#### **The Chairman's Column**

Welcome to our 2008-09 year, which will kickoff on Tuesday, September 16, 2008. We will continue to meet at Andrea's restaurant in Metairie at 11:30 a.m. Since our membership is scattered across the area, this location has proven logistically successful and the free parking is an additional "perk."

Mark your calendars, our meeting dates will be:

2008	2009
September 16	January 20
October 21	February 17
November 11*	March 17
December 16	April 21
	May 19

\*API joint luncheon at the Royal Sonesta.

**Mike Fein**, as Vice-Chairman is busy lining up speakers to educate and entertain you. **Reese Pinney** will continue to keep track of our finances, as Treasurer and **Al Baker** will record everything as Secretary. Please help by being as prompt as possible to Reese's

dues notices, since this provides our operating funds. Every year we have a few stragglers – "the dog ate the invoice."

Fortunately, **Carol St. Germain** will remain as Administrative Secretary and the always reliable **Ed Barry** will continue to alert you for the meetings. If you miss Ed's call, please try to call back, since the "head count" is very important. Incidentally, Ed has been with us 20 years doing a great job. We are truly fortunate to have him.

A major event for our Chapter was the National Convention, held in May, at the Omni Royal Orleans in the French Quarter. There was a great lineup of speakers, highlighted by McMoran Co-Chairman **Jim Bob Mof-fett's** luncheon address. **Jeanne Phelps**, despite relocating to Houston, and her team of volunteers, did an excellent job in coordinating the meeting. As usual, **Diane Finstrom** and her Dallas people did a lot of the "heavy lifting".

As of last May we had 57 local members, down from historical highs, but not bad

considering the last three years. We need new members, so I urge you to encourage possible candidates to consider joining SIPES. As in the past, you can bring a prospective member to one lunch meeting at no charge. Our September meeting - The Haynesville Shale - is a headliner. This meeting is a golden opportunity to bring a prospective member. Let's grow SIPES in New Orleans.

The last year has been tumultuous for the Energy Sector, with prices, new drilling controversies, alternative fuels and numerous other factors putting a spotlight on the industry as never before.

We are truly in the Age of Recycling, since I last was in this spot 21 years ago. I'm not sure if this makes me "green" or not!

*Louis Lemarie'*

## Abstract

The presentation will discuss some of the results of a five year DOE North Louisiana petroleum system project carried out by LSU and the University of Alabama. It will focus on geological and geochemical studies regarding the Cotton Valley-Bossier Group and Haynesville shale beds. These rocks proved to be thermally mature and represent petroleum source rocks that generated and potentially expelled mostly gas and some oil. At their present maturity levels, they have mostly low to moderate total organic carbon contents and Type III kerogen. Original kerogen types in the immature stage, as assessed by kerogen petrography, were mainly gas-prone Type III and some oil and gas prone Type II/III. Visual kerogen data supports the predominantly gas prone nature of the source rocks. Vitrinite reflectance (Ro) values (0.94 % to 2.62%) and thermal alteration indices (TAI) (2.8 to 3.9) suggest that these source rocks entered the late oil window to main gas maturity window and thus have generated mostly gas with some oil. Thin section petrography of geochemically analyzed intervals documents the following rock types: black shale, muddy fine-grained sandstone, laminated fine-grained sandstone, sandy mudstone, and silty mudstone. The thickness and widespread deposition of predominantly gas-prone source rocks within the North Louisiana Salt Basin and their high thermal maturity led to potential sourcing of mainly gas with some oil, not only within the Bossier-Haynesville shale, but also in overlying Upper Jurassic Cotton Valley sandstone reservoirs and Lower Cretaceous reservoirs, particularly in the Hosston and Sligo formations. Hydrocarbon expulsion appears minimal suggesting the Bossier-Haynesville has potential as a shale gas reservoir. Mention will be made of the reservoir characteristics of the shale and about the available technologies required to produce its gas reserves.

## Our Speaker

Donald Goddard began his career in 1965 with Gulf Oil Company (Mene Grande) in Eastern Venezuela. After working as an exploration geophysicist and then production geologist for many years, he became Manager of Geological Operations for Maraven Oil Company in Western Venezuela's Maracaibo region.

He moved to the USA in 1990 and be-

gan working as a petroleum researcher at LSU's Basin Research Institute. Presently, he serves as the Director of the Petroleum Technology Transfer Conference's (PTTC) program at LSU's Center for Energy Studies. His tasks involve petroleum systems studies of Gulf Coast basins, integrated field studies in mature areas of Louisiana, as well as identifying and transferring upstream technologies to independent operators of this State.

His 30 years of petroleum experience include E&P projects in important oil and gas producing basins of North, Central and South America. He has a B.S. degree in geology from Florida State University, M.Sc. and PhD degrees in marine geology and geophysics from the University of London (UCL), and a geological engineering degree from the Universidad Central de Venezuela. Dr. Goddard is a member of the American Association of Petroleum Geologists (AAPG), the Baton Rouge Geological Society (BRGS), and the Venezuelan Geological Society (SVG).

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August 19, 2008

Treasurer's Report:

As of July 15, 2008, the following financial transactions occurred during the prior month.

Cash Account:

Beginning Balance: 5,361.18

In Flows:

Interest \$ 1.13

Donation (LaBay, Beacon) \$ 350.00

Total InFlow: ..... \$ 351.13

Out Flows:

Carol reimbursement \$ 256.64

SIPES National (awards) \$ 165.00

Total OutFlow: ..... \$ (421.64)

Difference: ..... \$ (70.51)

Fidelity Account Balance as of 7-15-2008: \$ 5,290.67

Memo only (included in balance above):

Remembrance: \$2,244.00

Philanthropic: \$935.00

Investment Account:

Vanguard Money Market Account as of 6-30-2008: \$ 15,369.65

(includes 2008 ytd interest of \$145.42)

TOTAL \$ 20,660.25

Treasurer: Reese Pinney

NOTE: The Chapter has not received an accounting settlement for the May Convention.

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AND CONTACTS

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**NOGS Fall Kick Off Party**

Friday, September 19th  
7 til 10 PM



2700 Metairie Road (at Labarre Rd.)  
504-828-8484

Buffet reception

**RESERVATIONS REQUIRED**

Call Annette Hudson at NOGS Office 504-561-8980  
or email Annette@nogs.org

- \$35 per person     Cash Bar  
 Valet parking     Door Prizes

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August 18, 2008

Please send your check for the Fall 2008 dues to SIPES NOC at the address listed above. If you would like to renew or place a new ad for this term, please send an additional \$25, or \$50 for the year. If you are placing an ad for the first time please include a business card or copy of the ad, it will be reformatted for placement in the newsletter. In addition, please note there are volunteer opportunities to help the chapter. Consider donating to the Remembrance Fund, the Philanthropic Fund, or the General Fund.

**INVOICE  
 FALL 2008 SEMI-ANNUAL DUES**

Fall 2008 Semi-Annual Dues.....\$110.00 \_\_\_\_\_  
 (Payable upon receipt of this invoice—delinquent October 1, 2008 )  
 (Delinquent Fee, after October 1, 2008).....\$20.00 \_\_\_\_\_  
 Advertisers ---- ½ year business card in newsletter..... \$25.00 \_\_\_\_\_  
 Full Year Ads: ¼ page @ \$100, ½ page @ \$250, or full page @ \$400 ..... \_\_\_\_\_  
 ( Please submit a business card or ad with your payment. )

**CONTRIBUTIONS**

Remembrance Fund .....\$25.00 \_\_\_\_\_  
 General Fund .....\$25.00 \_\_\_\_\_  
 Philanthropic Fund .....\$25.00 \_\_\_\_\_

**Total Payment** .....\$ \_\_\_\_\_

If you are paying by a company check, please print the member's name on the check!

Help us keep in contact with you by updating the information below by returning this sheet with your check:

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