



September 2008

Los Angeles Basin Geological Society Newsletter

**September 25, 2008 Meeting: Dr. Hilario Camacho of Signal Hill Petroleum
Will speak on . . .**

“Application of Outcrop Data to Seismic Modeling and Interpretation Or From Seismic to Outcrop and Back Again”

Speaker Synopsis / Abstract

The Miocene turbidite system at San Clemente has been used both as a training site and as an outcrop analogue for hydrocarbon reservoirs in channelized turbidite systems. The outcrop at San Clemente State Park represents the fill of a single turbidite channel cut into a low-gradient continental slope (less than 1°) that aggraded subvertically. This interpretation is based on construction of a detailed photomosaic, mapping of three dimensional facies distributions, measuring of representative sections, and collection of new paleocurrent data; this analysis is extended to outcrops not previously described in the literature. The channel had a minimum width of 1 km, and had a paleotransport direction toward the northwest. The lateral and vertical facies changes along the sea cliffs at San Clemente are a result of interfingering between axial and marginal facies within a single turbidite channel.

Outcrop relations from analogues can provide architectural detail (such as facies geometry, transitions, bed length data etc.) at a scale that is seismically irresolvable. Such information may be used either as input to stochastic models or in the construction of deterministic models. Their value in reducing uncertainty in the subsurface, and their application to seismic modeling and inversion techniques is considerably compromised where there are uncertainties in the actual geological interpretation of the outcrops.

Dr. Hilario Camacho is currently Vice-President of Earth Sciences and Exploration at Signal Hill Petroleum, Signal Hill, California. He received a B.Sc. degree in Geology from the Universidad de Granada, Spain, a M.S. in Geology from California State University Long Beach, and gained his Ph.D. from U.C. Santa Barbara. His research interests are focused on seismic noise characterization and acoustic anisotropy, fault-controlled fluid flow in sedimentary basins, deepwater depositional systems, and siliciclastic diagenesis.

**A GREAT TALK TO FIND OUT
ABOUT SEISMIC TO OUTCROPS,
AND MORE !!!**

Meeting Time, Place, Cost and Reservations

Time:

Thursday, September 25, 2008

Typical Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM
Announcements: 11:50 AM to 12:15 PM
Guest Speaker: 12:15 PM to 12:45 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:

Lunch and Speaker: \$20.00 with reservations
\$25.00 without reservations
Student: FREE (Lunch and Speaker)

Meeting Reservations:

Make your reservations using our web site at www.labgs.org, by calling Marieke at (562) 624-3364., or emailing Marieke_Gaudet@Oxy.com. **Reservations made prior to Tuesday before the meeting are appreciated**, but walk-ons are welcome.

Upcoming 2008 -2009 LABGS Speaker/ Event Schedule

Septemeber 25 – Dr. Hilario Camacho of Signal Hill Petroleum will speak on the “Application of Outcrop Data to Seismic Modeling and Interpretation”.

October 30 – **NOTE DATE CHANGE BY ONE WEEK (ie 5th Thursday)**. Dan Pignatiello of Halliburton will speak on oil field log analysis.

November – No Meeting, Thanksgiving Day.

December – No Meeting Christmas Day

January 22, 2009 - To be announced

If you have a speaker suggestion, please mention it to a Board member !!

OTHER EVENTS

South Coast Geological Society (San Bernardino Mountains)

2008 Annual Field Trip - the San Bernardino Mountains, September 26-28, 2008

The SCGS Annual Field Trip will be held on September 26-28 (Friday through Sunday), 2008. We are camping at Barton Flats group campground with tentative geologic stops at Big Bear and Baldwin Lakes, local mines, inland feeder tunnel, San Andreas Fault and Seven Oaks Dam. We will be taking sign-ups at the meeting. Cost will be \$135/person.

San Diego Association of Geologists (Coachella Valley)


"Oasis in the Desert: Geology, Hydrogeology, and History of Groundwater in the Coachella Valley, California"
SDAG ANNUAL FIELD TRIP
October 17th-19th, 2008

Friends of the Pleistocene, First Announcement - 2008 Pacific Cell Field Trip (Western Salton Trough)


Field trip, November 14-16, 2008. Focus: Cross-correlation of Quaternary dating techniques, slip rates and tectonic models for the western Salton Trough.

Organizers and Leaders: Tom Rockwell, Mike Oskin, Kim Le, Lewis Owen, Warren Sharp, Kate Fletcher, Susanne Janecke, Becky Dorsey, Caitlin Lippincott, Eldon Gath and George Jefferson

Los Angeles Basin Geological Association Advertising Costs 2008-2009		
<u>Newsletter and SoCal website posting:</u>		
• Business Card size ad	\$25/month	\$230/year
• 1/4 Page	\$45/month	\$450/year
Website posting only: \$20/month		



WE'LL BE THERE



Epoch is one of the energy industry's leading suppliers of wellsite data gathering systems. Our drilling instrumentation products, well-site reporting software and mud logging services are industry leaders, and myWells.com allows you to access that information anytime, anywhere. That means you can make more timely decisions that deliver efficiency and economy. If real time, accurate wellsite information is important to you, call Epoch. We'll be there.

EPOCH

3919 Rosedale Hwy. • Bakersfield, CA 93308 • 661.328.1595
www.epochwellservices.com • www.mywells.com

The LABGS Brunton Award

The LABGS Brunton Award is given to a qualified undergraduate student attending a four-year LA Basin College or University currently pursuing a baccalaureate degree in Geology or the Earth Sciences.

The Society is currently looking for qualified applicants for the 2009 award. Check our website.

SELECTION PROCESS

The award winner is selected from candidates nominated by a faculty member. The winner is selected based on the following criteria:

- Grade point average in earth science classes.
- An enthusiastic or special recommendation from the college advisor, department chair, or mentor professor

SEE THE WEBSITE FOR FORMS

The LABGS Don Clarke Award Winner

The 2008 Don Clarke Award winner is Michelle Gunn of Long Beach City College. We will have more about her in the next newsletter.

Congrats Michelle !!!

The LABGS Don Clarke Award

The Don Clarke Brunton Award is given to a qualified student attending a LA Basin community college with the goal of getting an Associate degree, and enrolled with plans to pursue a baccalaureate degree in Geology or the Earth Sciences.

The Society is currently looking for a qualified applicant for the 2009 award. Check our website.

SELECTION PROCESS

The award winner is selected from candidates nominated by a faculty member at their original school. The winner is selected based on the following criteria:

- Grade point average in earth science classes.
- An enthusiastic or special recommendation from the advisor, department chair, or mentor professor

TOTY

The LABGS Teacher of the Year (TOTY) Award nominations are open for 2009. The TOTY is a \$250 award for a teacher with 3+ years experience in K-12, who teaches at least one unit per year in the natural resources. Please see this newsletter, or our website www.LABGS.org, for more details.

Student Sponsorship

Both Halliburton and Schlumberger are defraying the cost to the Society of our students-at-the-monthly meetings program. **Students are free at all meetings.** Thank you.

LABGS T-Shirts

The LABGS T-Shirt is baaaaaacckk!!!

These unique crafted quality white T's are emblazoned with the distinctive LABGS logo and a great look. We now have a good selection in all the relevant sizes. But come early to buy them.

T-Shirts will sell for \$18 if you pick them up at the site we have them at The Grand at the Sept or October meetings, ie this does not include shipping + handling charges.



Renew Your Annual Dues and Address Changes

The Pacific Section AAPG and LABGS operate on a fiscal year from July 1 to June 30. If you are a current member, you will receive a PSAAPG membership renewal notice this month in the mail. Please note, when you renew you are renewing for both LABGS and PSAAPG (for one low price of \$12).

If you haven't done so, take this opportunity to send in a check and update your mailing information. New PSAAPG directories are now available and will be included in your dues for the next fiscal year (the directory is one of the key benefits of joining the LABGS through PSAAPG).

NEW! Student EXPO

Be at the Epicenter...

AAPG-SEG

West Coast

Student Expo

25-27 September 2008

California State University,
Northridge

Student poster presentations, company interviews, networking, field trips, and more...

**Interested Companies and Students see:
www.csun.edu/geology/aapg-seg.htm
for registration information**

Contact Us – The LABGS Board

President: Jon Kuespert (213) 225-5900 x 224
jkuespert@breitburn.com

Program Chair: Bill Long (213) 225-5900 x 205
William.long@breitburn.com

Treasurer: Jean Kulla (949) 500-3095
k2mobile@MSN.com

Secretary: Marieke Gaudet (562) 624-3364
marieke_gaudet@oxy.com

OUR WEB SITE ADDRESS IS:
www.labgs.org



President's Note

To all our members,

Greetings after the cool summer. I hope that y'all enjoyed it and are ready to be with friends and colleagues.

This is the first Fall meeting of 2008-2009 and we have a great speaker. I hope to have a great turnout for this inspiring topic. Dr. Camacho has long been a fixture here in southern California and I know now that he will give a great talk. For those of us who were on the fieldtrip in the spring we will learn some more about those stops.

This is a reminder that the October meeting will be on the 5th Thursday of the month, Oct 30.

Thanks!

Jon



Los Angeles Basin Geological Society Membership Form

Join the LABGS and become a member of the Pacific Section AAPG all for one low price of \$12.00 per year - 2 West Coast Geoscience Organizations for the price of one



Membership Benefits

- LABGS Membership
- Monthly Luncheon Meetings with Strong Technical Programs
- Pacific Section AAPG Membership
- Pacific Section AAPG Bi-Monthly Newsletter
- Discounts for PSAAPG Bookstore Publications
- Bi-Annual West Coast Geoscience Directory - *next edition 6/03*
- Networking and Social Opportunities with Fellow Geoscientists

Current Annual LABGS/PSAAPG Dues

1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

Extended E-Mail Announcement List Fees

To receive meeting notices from SJGS and CGS

1 Year Option = \$12.00 \$ _____
3 Year Option = \$36.00 \$ _____

PSAAPG Foundation Contributions

B. Hacker Publication Fund \$ _____
Martin Van Couvering Fund \$ _____
Dibble Map Foundation \$ _____
California Well Sample Repository \$ _____
John Kilkenny Scholarship Fund \$ _____
PSAAPG Foundation Trust Fund \$ _____

TOTAL PAYMENT

Total Amount Enclosed \$ _____

Essential Member Information

Last Name _____
First Name _____
Middle Initial _____
E-Mail Address _____
Mail Address _____
Res or Bus ? _____

Additional Directory Information

Employer _____
Position / Title _____
Bus Phone # _____
Res Phone # _____
Fax Phone # _____
Spouse's Name _____
Education *Highest Degree* _____ *Year* _____
School _____

Signature _____

Annual membership is handled through PSAAPG and runs from July 1, through June 30. If you are already a current member of PSAAPG and you selected LABGS affiliation you are already a member of the LABGS.

**Please Make Checks out to PSAAPG and mail along with member form to:
PSAAPG P.O. Box 1072, Bakersfield, CA 93302**