



September 2009

# Los Angeles Basin Geological Society Newsletter

**September 24th (Thursday), 2009 Meeting: Dan Hollis – VP of Geophysics and Technology Development, Seismic Imaging Solutions Company, LLC (SISCO)**

**Will speak on . . .**

## **“A Recent 2D Seismic Program in the Long Beach/Signal Hill, CA Area – A Model for Urban Seismic Exploration”**

### **Speaker Abstract**

Seismic exploration in an urban environment has always presented problems to conventional seismic crews and equipment. Seismic recording cables and other ground equipment present a “trip-and-fall” safety hazard to the general public and are exposed to damage or theft. Seismic vibrators, or “survey trucks”, can cause unacceptable levels of vibration and/or noise to under and above-ground structures, local businesses and residents. Finally, the urban environment with traffic, construction and other facilities is very noisy and causes significant signal-to-noise issues with the relatively weak seismic signal.

In July 2009, Seismic Imaging Solutions Company (SISCO) acquired four 2-D seismic lines in the Long Beach/Signal Hill area to test the “urban-friendliness” of new seismic exploration procedures and equipment. This talk will review this survey’s planning and field operations with particular attention to the procedures and equipment that contributed to a successful urban-friendly operation.

### **Speaker Biography**

Dan Hollis has worked in the seismic exploration industry since 1981. Prior to SISCO, Dan has worked for CGGVeritas, Subsurface Exploration Company, Geophysical Systems Corporation and Western Geophysical. Most of his career Dan has been based in the Los Angeles area, but has worked areas in the U.S., Alaska, Australia, China and Thailand. He received his

Bachelor of Science degree in Earth Science from Calif. State University at Long Beach in 1980. Dan is a member of AAPG, SEG, LABGS, RMAG and PBGS.

### **Meeting Time, Place, Cost and Reservations**

#### **Time:**

**Thursday, September 24th, 2009**

#### **Typical Meeting Agenda**

**Lunch Served: 11:30 AM to 12:00PM**

**Announcements: 11:45 AM to 12:00 PM**

**Guest Speaker: 12:00 PM to 12:30PM**

**Questions/Close: 12:30 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](http://www.labgs.org), by calling Marieke at (562) 624-3364., or emailing Marieke\_Gaudet@Oxy.com. **Reservations made prior to Tuesday before the meeting is appreciated**, but walk-ons are welcome.

## **Contact Us – The LABGS Board**

President: Bill Long (213) 225-5900 x 205

[William.long@breitburn.com](mailto:William.long@breitburn.com)

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**OUR WEB SITE ADDRESS IS:**

[www.labgs.org](http://www.labgs.org)

## **LABGS Don Clark Brunton Award**

The Los Angeles Basin Geological Society is pleased to announce it has chosen Douglas Thoin as the recipient of the 2009 Don Clarke Brunton Award. The LABGS Don Clarke Brunton Award was created as an annual gift of encouragement and recognition to those community college students who show dedication and passion to the field of Geoscience. It is our goal to encourage future geoscientists in their pursuits. Douglas was nominated for this award by Dr. Doug Britton of Long Beach City College, who provided the scholarship committee with his qualifications and a letter of recommendation.

*Shortly, the Society will turn their attention toward the identification of a qualified applicant for the 2010 award. Check our website.*

## **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.

## **Upcoming 2009-2010 LABGS Speaker/Event Schedule**

October 22, 2009 – TBA

**Note- meeting starts at 12 Noon, 30 minutes later than normal.**

November & December - Holiday Break

January 28, 2010 – possible AAPG Distinguish Lecturer - Bruce Hart, ConocoPhillips, Houston, Texas. Lecture: “Reservoir Scale Seismic Stratigraphy: A call to Integration.”

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

## **OTHER EVENTS**

### **PSAAPG 2010 Convention**

May 27-29, 2010 Anaheim, see [www.PSAAPG.org](http://www.PSAAPG.org) for more details

### **National AAPG 2010 Convention**

New Orleans, LA, 11-14 April 2010, see [www.AAPG.org](http://www.AAPG.org) for more details.

### **National Geographic TV Special**

**‘GALLON OF GAS’**, Thurs, Sept 24 8PM  
Gallon of Gas is a program that explores the journey of oil - from creation millions of years ago...all the way to your car’s gas tank. Starting as prehistoric plankton, transforming in the pressure cooker of time, and finally emerging as the raw stuff which fuels the modern world. To win this elusive prize, well drill through miles of rock. And brave some of the harshest locations on the planet. All simply to fill our tanks.  
Narrator - Don Clark

### **Earth Science Week**

**October 11-17, 2009;** The 12th annual Earth Science Week will celebrate the theme “Understanding Climate” with a wide range of exciting activities, programs, and resources designed to help young people understand the large-scale weather patterns that make up climate. See [info@earthsciweek.org](mailto:info@earthsciweek.org)

## 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**

## TOTY

The Los Angeles Basin Geological Society is pleased to announce it has chosen Thomas J "Tom" Hollis as the recipient of the 2009 LABGS Teacher of the Year (TOTY) Award. 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 our website [www.LABGS.org](http://www.LABGS.org), for more details.

***The LABGS Newsletter reaches a large range of Geo-types and engineers, So Advertise and get noticed.***

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



## 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 should have received a PSAAPG membership renewal notice this summer. 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).



## President's Note

*To all our members,*

At last summer is behind us and fall looks to be just around the corner. The LABGS has an exciting program shaping up for this year. We hope all are members can participate in some way to support and contribute to the society.

The September 24<sup>th</sup> meeting has a fantastic talk planned by Dan Hollis, VP of Geophysics and Technology Development for Seismic Imaging Solutions, on the newest innovations in urban seismic acquisition. This is not just an exploration tool; I see it to have many applications in Exploitation also in the LA Basin.

The above picture is a teaser for the Sept. talk – a Vibro-Seis Truck, one of several in a row heading down Cherry Ave in Long Beach on Monday, July 27th.

*Bill*



# 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**