



March 2015

## LOS ANGELES BASIN GEOLOGICAL SOCIETY MEETING ANNOUNCEMENT

March 26 (Thursday)

# Jay Namson

Namson Consulting Inc., San Clemente, CA

## Fold and Thrust Belt Structural Style of the Southern Coast Ranges and Western Transverse Ranges, California

### Abstract

A series of regional retro-deformable cross sections have been constructed across the southern Coast Ranges and western Transverse Ranges that illustrate the fold and thrust belt structural style across the region. The cross sections are constrained by surface geology, oil and gas well data, seismic reflection lines, and earthquake data. The interpretations were constructed using structural modeling techniques that relate the fold geometry to deeper fault geometry. My discussion will focus on the development of the structural models and how they differ from the previously-accepted model of wrench tectonics that has been commonly applied to the region over the last 50 years. The structural models have implications for the tectonic evolution of the region, hydrocarbon trap development, oil and gas exploration, and earthquake risk analysis. Many of the hydrocarbon-producing basins of southern and central California are included in the cross sections. The actively-developing fold and thrust

belt suggests that the strain associated with transpressive motion between the Pacific and North American plates is being resolved and partitioned into two components: folding and thrust faulting perpendicular to the San Andreas fault plate boundary; and strike-slip faulting parallel and within the San Andreas fault plate boundary.

### Speaker's Biography

Jay Namson received his BS degree from Humboldt State University and his Masters and PHD degrees from Princeton University. He worked in the Structure and Tectonics Group at ARCO Research from 1982-88. Jay formed a partnership with Thom Davis in 1988 and they worked together as Davis and Namson for over 20 years. For the last six years, Jay has had his own consulting company, Namson Consulting Inc. Over his career he has focused on the geology of structurally complex areas to assist oil and gas exploration and production in many parts of Asia, South America, and North America.

## Meeting Time, Place, Cost and Reservations

### Time:

**Thursday, March 26, 2015**

### Meeting Agenda

**Lunch Served: 11:30 AM to 12:00PM**  
**Announcements: 11:45 AM to 12:00 PM**  
**Guest Speaker: 12:00 PM to 12:45 PM**  
**Questions/Close: 12:45 PM to 1:00 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: \$25.00 with reservations**  
**\$30.00 without reservations**  
**Retired: \$20.00**  
**Student: \$5.00**

### Meeting Reservations:

Make your reservations using our web site at [www.labgs.org](http://www.labgs.org), or by calling Graham Wilson (562)-326-5278, or emailing [gwilson@shpi.net](mailto:gwilson@shpi.net).

**PLEASE Make:☺ Reservations must be made by 10:00 AM Tuesday morning prior to Thursday's meeting to receive discount price noted above. As always, walk-ins are welcome.**

## Student Sponsorship

Looking for Student Lunch sponsors. If you or your Business/Organization would like to become a Student Lunch Sponsor, please let us know.

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# Keith Ellsworth Green

## July 23, 1929 – December 7, 2014

*By Kevin Green*

After a long illness, Keith Ellsworth Green peacefully passed on the afternoon of December 7, 2014, in Los Osos, California, at the age of 85.

Born July 23, 1929, at Pomona Valley Community Hospital to Ellsworth Nelson and Ione McKeen Green, both teachers, he lived his early life in La Verne, California. Keith attended Mt San Antonio Community College (Mt SAC), Whittier College, and two years of graduate studies at the University of Southern California, followed by a two-year stint in the Army. While attending Whittier College, Keith met the love of his life and future wife, Constance Lucene DeVries. On December 23, 1952, Keith and Connie were married in Connie's hometown of Mill Valley, California. Keith was extremely proud of his three children: Kevin Green of Huntington Beach, Kim Rosen of Los Osos, and Kent Green of Whittier. He will be greatly missed by his seven grandchildren: Nola and Joel Green, David and Aaron Rosen, and Andrew, Kyle and Evan Green.

Keith was on a constant quest to learn something new. In his high school years, this meant cars and anything to do with them. During and after graduate school, this meant geology, paleontology and other related fields.

His professional career started in 1955 with Shell Oil in the Ventura office, specializing in micropaleontology, specifically foraminifera. The initial two years in Ventura was followed by six years in Los Angeles, another two years back in Ventura, and a final two years with Royal Dutch Shell in Houston, Texas. Upon returning to southern California in 1969, he taught geology at Whittier College for several years, and then geology and related sciences at Cypress College. In 1982, Green and Associates was founded, a micropaleontology consulting firm he founded. Additional firms founded by Keith included Green Geological and Green Environmental, providing micropaleontological supplies and environmental consulting services. Green Geological continues to this day with son Kent at the helm. Teaching continued at several Orange County colleges until 2004, when he retired at the age of 75. Being an exceptional teacher and mentor, Keith was active in and strongly supported the AAPG, Pacific Section AAPG, and the SEPM. He is loved and missed.

Keith and Connie moved to Los Osos, California in 2011, to be close to daughter Kim. Connie continues to reside in Los Osos. Keith was the second of two children, and he is survived by his sister, Kathryn Curtis of Hemet, California.