



# San Joaquin Geological Society

**Date:** Tuesday, March 11<sup>th</sup>, 2014

**Time:** 6:00 PM Social Hour  
7:00 PM Dinner  
8:00 PM Lecture

**Place:** American Legion  
2020 H St. Bakersfield, CA 93301

**PSAAPG Members & Mesozoics**  
\$25 w/ reservation  
\$30 without reservation

**Non PSAAPG Members**  
\$30 w/ reservation

**Full-time Students with ID:**  
Free, Courtesy of Chevron & Occidental

## **SJGS WEBSITE**

<http://www.SanJoaquinGeologicalSociety.org/>

## **SJGS OFFICERS**

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## **Lynch Canyon Oil Field – Its History, Geology and Development**

**Stan Eschner, RG**  
**Co-Founder - Trio Petroleum**

Lynch Canyon Oil Field is located within Monterey County approximately 30 miles north of Paso Robles in Section 24, Township 22 South, Range 10 East, MDB&M, and one mile northeast of the giant San Ardo Oil Field on the east side of the Salinas Basin.

Discovered in 1963 by Moriqui Oil Company, the Lynch Canyon Oil Field was abandoned in 1968 after ten productive wells had produced about 125,000 barrels of 10 gravity oil. In 1979, General Crude and Mobil Oil each drilled two wells with a plan to steam, but never did so. Trio acquired the property in 1987 when Mobil relinquished its leases.

The Lynch Canyon Oil Field encompasses 320 proven acres within a gently southwest plunging structural nose, with an east-trending thrust fault entrapping production at the updip north end of the closure. The productive interval is the upper Miocene Langigan sand, a 4-foot-thick nearshore sandbar deposit overlying granitic basement at a measured depth of 1,700 feet (1,000 feet subsea). Average porosity is 35.5%, permeability is 2-6 d'Arcy's, oil saturation is 70-75% and oil gravity is 10.5 degrees.

Trio Petroleum LLC commenced field operations in 2005 with a program to evaluate and develop the oil accumulation with horizontal wells, utilizing steam to stimulate production. The drilling and production activities continue to evolve, including decisions such as well spacing, steam injection, water and gas procurement and water disposal. As of January 2013, there are thirty two wells capable of collectively producing several hundred barrels of oil per day. The ultimate goal over the field life is to produce at least 50% of the estimated 20 million barrels of oil originally in place.

### **Stan Eschner – Bio**

Stanford Eschner, a native of Los Angeles, was raised in Santa Monica and attended UCLA, receiving a B.A. in geology in 1954 and an M.A. in 1958. He and his family have lived in Bakersfield for more than 55 years. Following graduation, Mr. Eschner was a geologist in the Army Corp of Engineers with the rank of 2nd Lieutenant from 1955 to 1957, followed by three years with Shell Oil Company as a production geologist where he discovered and developed the prolific Belgian Anticline PML Oceanic sand oil pool. He joined Occidental Petroleum Corporation in 1961 and in 1977 was promoted to Vice President Manager of Domestic Operations for Occidental. During his career with Oxy, Mr. Eschner was involved in the successful exploration of approximately 50 domestic oil and gas fields and lots of dry holes. His most meaningful early discoveries in California included the East Beverly Hills, Sawtelle and Beta oil fields. He elected to take early retirement from Occidental in August 1983 and co-founded Trio Petroleum LLC in October of that same year. Trio's current activities are centered in California including Lynch Canyon Oil Field, the subject of this talk.

Mr. Eschner is a registered geologist of the State of California. He has been an active member of the American Association of Petroleum Geologists for 60 years and is also an active member of the Pacific Section of the AAPG, holding various offices including that of president. At the 1995 annual meeting he was made an honorary lifetime member of the Association. He is currently a director of the San Joaquin Valley Section of the California Independent Petroleum Association. In addition to his profession-related affiliations, Mr. Eschner is a member of the Cal State University Bakersfield Gold Wave, Bakersfield Racquet Club, Stockdale Country Club and Rotary Club. He is Past President and a current member of both the California Living Museum Foundation and the Bakersfield Museum of Art.

## **\* RSVP \***

By: Friday, Mar. 7<sup>th</sup>, 2014

By Replying to this email

or by phone 412-5143

or PayPal on the Website:

<http://www.SanJoaquinGeologicalSociety.org/>