



May 2012

## LOS ANGELES BASIN GEOLOGICAL SOCIETY MEETING ANNOUNCEMENT

**May 24th (Thursday) Michael S. Johnson, Consulting Geologist, will speak on:**

### **Bakken Shale, An Unconventional Oil Shale Reservoir, Parshall field, North Dakota: Characteristics, Development and Discovery History**

#### **Abstract**

Parshall Field in North Dakota is the largest oil field in size in North America, over 100 miles in length, and covers over three million acres. Producible reserves exceed 10 billion barrels and are still increasing. It is a unique stratigraphic-type trap unlike any oil trap in the Rocky Mountain Region. The Bakken Formation is a closed, self-sourced reservoir system. The upper and lower members are highly-organic shales with high Toc values. The middle member, the reservoir, is a tightly-cemented carbonate and siltstone of poor reservoir quality. Fracturing is the main porosity type. Horizontal drilling is a requirement. Characteristics, development and discovery history of the field will be discussed.

**"This will be the Talk of the Year" - A Must Hear Speaker!**

#### **Speaker's Biography**

Mike Johnson was involved in discovering Parshall Field and setting off the drilling boom for the Bakken oil play in the Williston Basin. Mike graduated from the Ohio State University with B.S and M.S degrees in geology in 1949. He was the District Geologist in Wyoming for Amerada Petroleum Corp from 1949-1958. From 1958-63 he was the Rocky Mountain Exploration manager for Apache Oil Corporation. He has been an exploration consultant from 1963 to present, primarily in the Williston Basin.

He is a member of the AAPG, RMAG, WGA and Senior Fellow GSA. He has been honored with many awards as the 2009 AAPG Outstanding Explorer Award (Parshall Field), RMAG 2009 Outstanding Explorer Award (Parshall Field) and 2009 AAPG Award of Excellence Top 10 Oral Presentation (Parshall Field).

## Meeting Time, Place, Cost and Reservations

### **Time:**

**Thursday, May 24th, 2012**

### **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**  
**Students: \$5.00(Lunch and Speaker)**

### **Meeting Reservations:**

Make your reservations using our web site at [www.labgs.org](http://www.labgs.org), or by calling TawnyaHildabrandat(714) 454-7149 or emailing [Tawnya\\_Hildabrand@oxy.com](mailto:Tawnya_Hildabrand@oxy.com); *Reservations made prior to Tuesday before the meeting are appreciated, but reservations made up to the day before the meeting will be honored.* As always, walk-ins are welcome.

## **Contact Us – The LABGS Board**

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