

Technical Luncheon was a “Sell Out”

Developing an early-warning system for Well/Reservoir problems was the topic of the recent Technical luncheon held on August 17th. The event was co-hosted by API – Delta Chapter and the Society for Petroleum Engineers - Delta Section (SPE). The key note speakers were Mr. Chris Fair of Oilfield Data Services, Inc. and Dr. Fred Goldsberry of **WAVEX[®], Inc.** Both speakers brought to the table an abundance of knowledge in reservoir dimensioning and mapping.

Dr. Goldsberry holds eleven U. S. Patents in control systems, energy conversion systems, geopressured secondary oil recovery, nuclear waste storage, and transient well testing. He formed **WAVEX[®], Inc.** in 1995 based upon his longstanding interest in the engineering mechanics of pressure transient phenomena and has practiced wave mechanics based reservoir mapping since that time as an independent engineering consultant.

Mr. Fair started Oilfield Data Services, Inc., a reservoir/production engineering consulting firm that specializes in well test interpretation and field management of well flowbacks/exploration DSTs.

Goldsberry and Fair each provided a slide show that provided in depth information into the patented technique for reservoir dimensioning/mapping. Goldsberry explained that **WAVEX[®]** is a new technology that incorporates capillary threshold or initiation pressure, capillary flow, and wave mechanics into the pressure transient model. The method allows discrete identification of reservoir boundaries and integrated volume calculations during the test. Fair explained how Oilfield Data Services, by using **WAVEX[®]** technology processed data directly from a fixed choke transient pressure test, not as a “history matching” process. He further explained that there is no starting “guess” as to what the reservoir looks like. The process is performed “blind”.

Again this year, API brought the event to two locations. The Holiday Inn – Superdome hosted the event on the South shore, while Chevron, through the efforts of Berik Zhakiyanov hosted the event on the North shore. Both venues were sold out.

API’s next event will be the **Joint Society Luncheon** to be held on Tuesday, November 9th. Watch for further details.