



EGYPTIAN PETROLEUM EXPLORATION
SOCIETY (EPEX)

EPEX MISSION:

The challenge for our society is to spread the knowledge, share best practices and apply new exploration ideas for the addition of New Oil & Gas Reserves.

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This month, on behalf of the EPEX Board, you are cordially invited to join your colleagues for the February 2012 technical program. The Agenda is as follows:

- 1) 6:30 to 7:00 PM – Reception
- 2) 7:00 to 8:00 PM – Technical presentation:

“Well Placement Evolution”

Mr. Zeya Ramadan

Schlumberger Drilling and Measurement, Cairo, Egypt

Date: Monday, February 13th, 2012

Venue: Sofitel Hotel, Maadi – Cairo

See Attachment & Note. Light refreshments will be served following the presentation.

Ahmed Abdel-Fattah
Dr. Ahmed Abdel-Fattah
EPEX Chairman



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Attachment

Abstract:

Well Placement Evolution

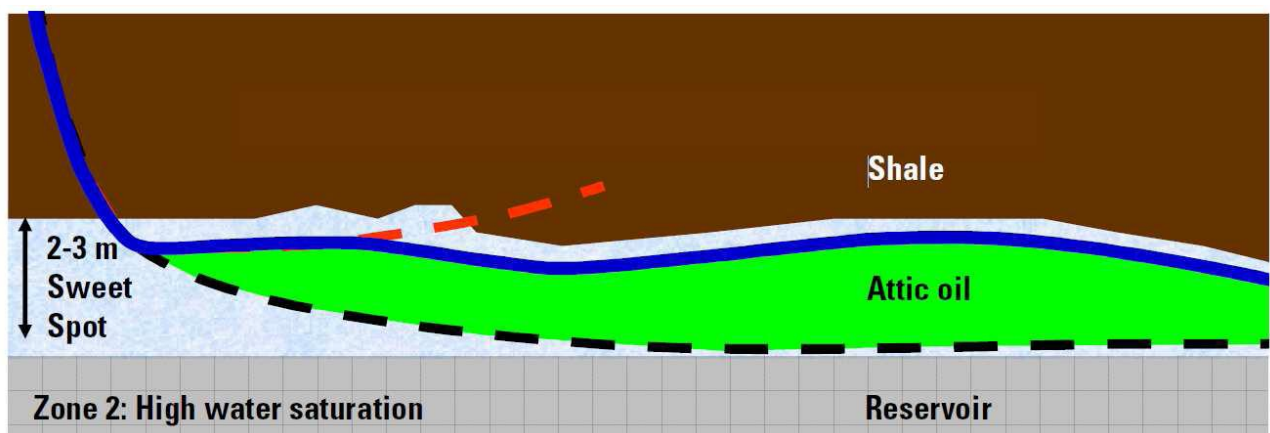
Mr. Zeyad Ramadan

Well Placement is the planned interactive positioning of a wellbore using geological criteria and real-time measurements.

The well placement process is an interactive approach to well construction, combining technology and people to deliver optimally placed wellbores in a given geological setting to maximize production or injection performance. Accurate well placement helps improve the return on the money invested in drilling the well.

Well placement improves both the long-term and short-term performance of a well. Drilling rate of penetration (ROP) is generally improved because the well remains in the more porous reservoir, which drills faster than the surrounding formation. By staying in the reservoir rather than the nonproductive surrounding formation production is also improved.

The key to maximizing reserves recovery is placement of the well in the reservoir such that it produces hydrocarbons for the longest possible time and drains the formation as completely as possible. By accessing pockets of untapped formation and avoiding unwanted fluids a well will ultimately deliver the maximum return on investment by delivering the maximum possible hydrocarbon volume with the minimum associated water or unwanted gas production. An example of this, as shown in the figure below, is the placement of a well at the top of a reservoir with an active aquifer, which drives the hydrocarbon to the top of the formation as production proceeds. By placing the well at the top of the reservoir (blue well) hydrocarbon production can continue for a long period before the onset of any associated water. Attic oil, left behind between a horizontal wellbore (black dashed well) and the top of the reservoir, is minimized as the well is placed as close to the cap of the reservoir as possible. Most short-term production and long-term reserves access are maximized.





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Biography of Mr. Zeyad Ramadan

Zeyad Ramadan is the Logging While Drilling (LWD) domain champion at Schlumberger Drilling & Measurement segment in Egypt. He holds an M.Sc. degree in Geology from Garyounis University in Benghazi-Libya. Zeyad joined Schlumberger as a borehole geologist in 2005 and has since held a number of technical positions ranging from borehole geology, geosteering coordination and LWD interpretation development. He has worked in Libya and Qatar prior to moving to Egypt.

EPEX Future Technical Meetings

April Technical Meeting: Tuesday, April 17th – Prof. Adel Ramadan Moustafa (title to be announced)

Please Note:

If you or your company is interested in giving or sponsoring an EPEX Technical Presentation, please contact Bill Bosworth at: bill.bosworth@apachecorp.com

Thank you.