SPE Training Course

Re-Fracturing – Candidate Selection & Design
Instructors: Carl Montgomery/Michael B. Smith  
20 September | 0800–1700
This course discusses how to select a candidate that will benefit from re-fracturing, as well as what extra considerations are involved in a treatment design. Separate registration is required.

About the SPE Liquids-Rich Basins Conference—North America
The SPE Liquids-Rich Basins Conference — North America returns to Midland, Texas, USA this autumn. This dynamic event will highlight innovative technologies, techniques, practices, and the development of tactics driving the exploitation of liquids-rich formations.

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Look inside... for a sneak peek at the technical program and special events.
Opening Session
Wednesday, 21 September | 0800–0815
The program committee chairpersons will open the conference by highlighting new session topics for this year and the new session focus for with respect to the volatile commodity price environment.

Keynote Luncheon: Growth and Transformation of a Permian Pure Play Horizontal Wolfcamp Company During an Historic Industry Contraction
Thursday, 22 September | 1145–1300
Permian Resources is the legacy Permian pure play horizontal Wolfcamp asset developer formerly known as American Energy Permian Basin. Permian Resources was formed at the top of the 2014 oil price cycle and has been able to survive and grow to triple production to a peak of 34,000 BOED in January 2016 with a focus on efficient asset development and successes that have positioned this company to thrive after two dramatic years in the Midland Basin.

Panel: Residual Oil Zones and the Revival in the San Andres Play
Thursday, 22 September | 1515–1645
This panel session will discuss the evolution in interpretation of the revival of the San Andres as a primary production trend, its surprising commerciality, and what the future may hold.

Closing Session
Thursday, 22 September | 1645–1700
The program committee chairpersons will close the conference with a brief recap of the conference takeaways and will provide a glimpse into plans for transferring technology in 2017.

Production Operations
0815–0945
Initial high liquid rates, steep declines, multiphase flow, corrosion, scale formation, high watercut, and sand production are some of the major challenges in liquids rich basins today. Industry and operators have been focused on the continual optimization of operating practices and technology to ensure value is maximized despite the numerous challenges. This session will share strategies to combat these issues, addressing artificial lift optimization, well site facilities, water management, and production chemicals.

Reservoir Engineering I
1015–1145
Capitalizing on the latest knowledge and workflows in reservoir analyses is critical for operators to make the best development decisions in increasingly complex plays. Knowing the best approach for a particular play can make a world of difference in estimated ultimate recovery (EUR). This session explores some of today’s most relevant topics as the industry slows down and takes the time to perform deeper evaluation prior to full field development.

Reservoir Engineering II
1315–1445
Development of unconventional resources utilizes new technology integration to create multiple transverse fractures for better production performance. This session discusses the design, planning, implementation details, and well integrity surveillance programs that are suitable for a challenging oil and gas environment.

Drilling and Completions
0800–0930
Activity remains low due to economic reasons, such as the price of crude oil in drilling and completions. Activity seen here is organizations attempting to satisfy continuous drilling constraints. Observed are some lease acreage selling for high prices and some bargain sales. Fluid types, well/Stage spacing, completion design, drilling time, etc. are important for attractive production curves and holding lease positions. Methods will be examined, with operators to see what are the latest trends and technical applications used to satisfy either leasehold or to improve production.

Reservoir Engineering II
1315–1445
This session examines the practical applications of technology and their integration with completion and reservoir engineering disciplines. Best practices for optimizing net present value (NPV) and margins in a rapidly evolving industry and challenging fiscal environment will also be discussed.

Reservoir Engineering II
1000–1130
The global increase in hydrocarbon production has driven commodity prices down, forcing operators to introduce cost saving operations to maintain current production at an economic level. This session examines solutions to enable maintenance of production through well intervention, operational, and new drill strategies in the current economic environment imposed upon operators and service providers alike.

Registration for this conference is now available. Visit www.spe.org/go/HighlightsLRBC to learn more.