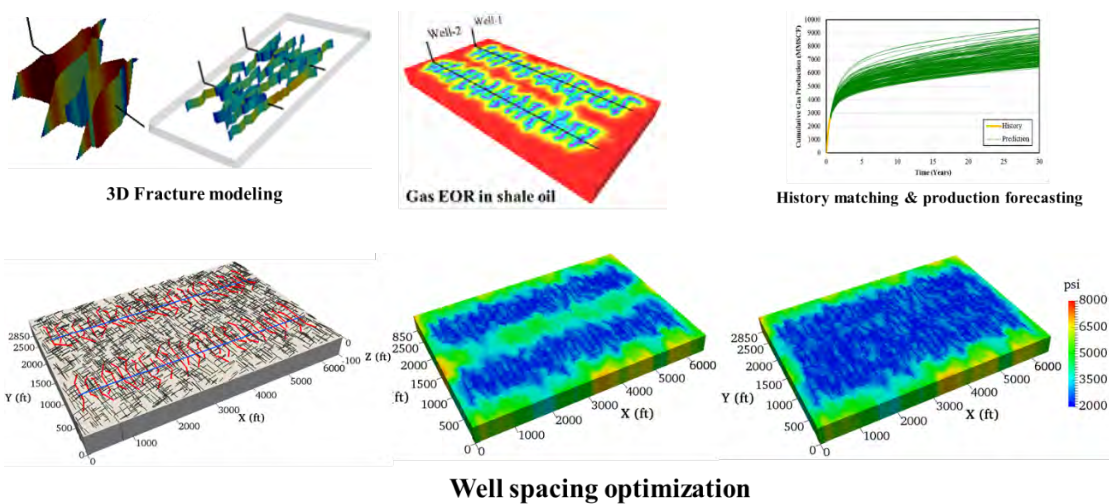


Joint Industry Project: Fracture Modeling and Production Simulation for Unconventional Oil and Gas Reservoirs

The Reservoir Simulation Joint Industry Project (RSJP) at the Center for Petroleum and Geosystems Engineering at The University of Texas at Austin plans to establish a new research program, as a division of the RSJP, for fracture modeling and production simulation for unconventional oil and gas reservoirs. An information session about this program is scheduled for **September 22, 2017 at 9:00 am at The University of Texas at Austin in CPE building in Brons Conference Room** to present how to optimize fracture design and evaluate well performance in unconventional oil and gas reservoirs.



The following topics will be presented:

1. Introduction
2. An overview of projects and project goals
3. Fast 3D hydraulic fracture propagation model and application
4. Embedded Discrete Fracture Modeling (EDFM)
5. New simulator for shale gas and tight oil production simulation
6. Application of EDFM in shale gas and tight oil production simulation
7. Future EDFM developments
8. Fracture diagnostics simulation using DTS, DAS, and DFIT
9. Assisted history-matching workflow for shale gas and tight oil reservoirs
10. Application of well testing in unconventional reservoirs
11. CO₂ fracturing new developments in China

Also, several posters will be presented.

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