

# Reservoir Simulation and Visualization

Artificial Lift

Unconventional  
Recovery

CO<sub>2</sub>  
Applications

# JPT



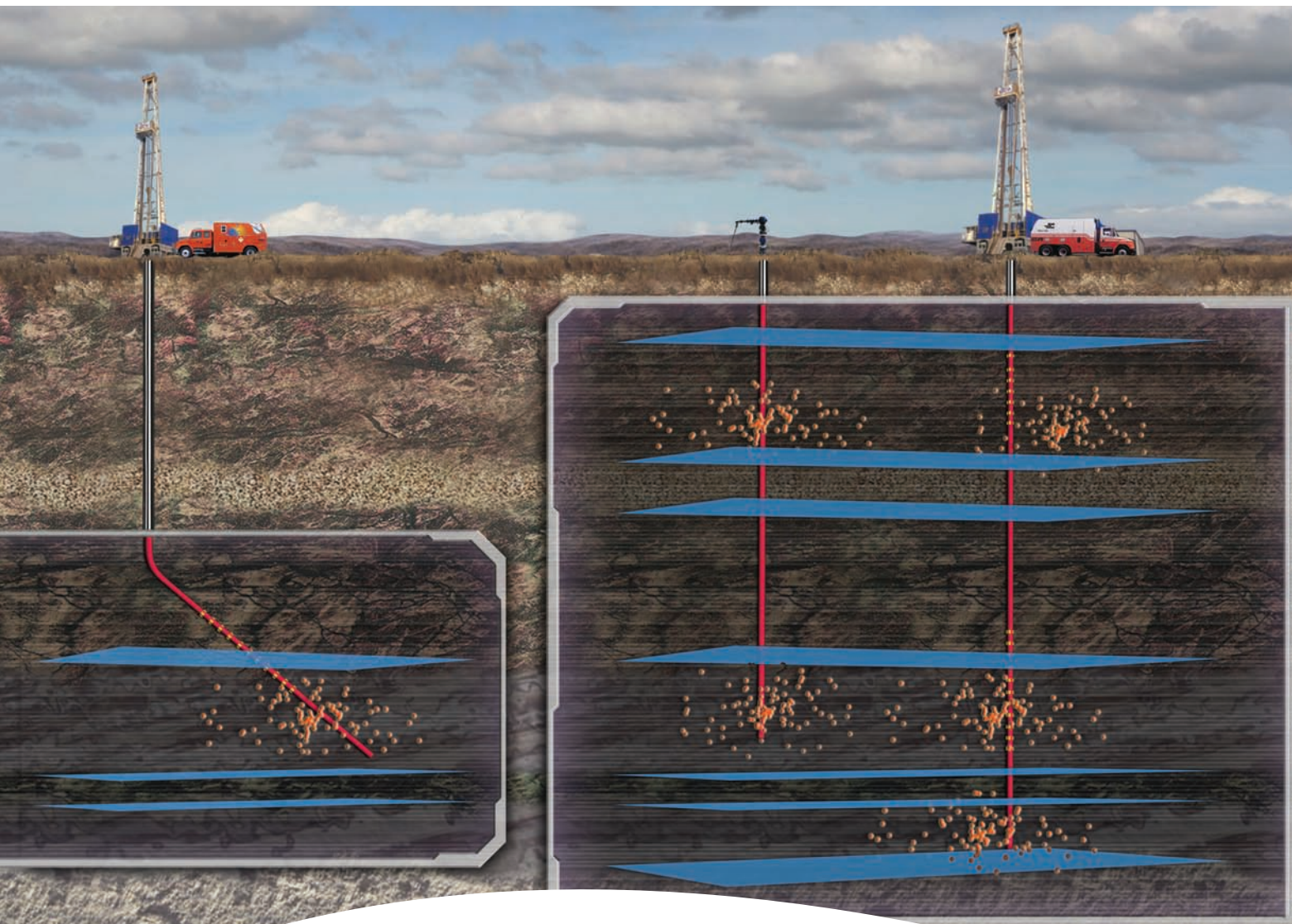
The Oil and Gas  
Industry's Biggest Risks

A Systematic Approach to HP/HT

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### COVER

An ABS classified vessel, BG Group's Methane Shirley Elisabeth at the sea buoy, offshore Lake Charles, Louisiana, May 2007.

### SPECIAL FEATURES

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#### 18 Guest Editorial • Top 10 Risks for the Oil and Gas Industry

Rob Jessen, Global Oil & Gas Sector Leader of Ernst & Young, discusses the top 10 strategic risks for oil and gas companies identified in a study of industry leaders and subject matter professionals from around the world.

#### 34 Management • A Systematic Approach to Hostile Environments

Ashok Belani, Chief Technology Officer of Schlumberger, and Steve Orr, President Artificial Lift of Schlumberger, argue that adopting an industry standard for high-pressure/high-temperature classifications will help the industry to converge efforts and prioritize the technical challenges in finding, evaluating, and producing extreme reservoirs.

#### 40 Offshore Technology Conference

With the oil and gas industry stretched to the limit to meet rising global demand, technical session topics during the 2008 Offshore Technology Conference focused on the opportunities, challenges, and the next wave of technological advancement in the oil industry.

#### 94 SPE's Forum Series

The 2009 Western Hemisphere Forums include discussions on extended-reach wells, artificial intelligence, maximizing oil recovery, stimulation in tight gas and shale, and operational innovation for field rejuvenation chaired by experts from BP, Halliburton, Schlumberger, Shell, WellDynamics, NSI Technologies, and AMEC Paragon.

#### 96 Legion of Honor

SPE welcomes 190 members to the 2008 Legion of Honor, celebrating 50 years of consecutive membership. Each honoree becomes dues exempt and receives a certificate honoring this milestone.



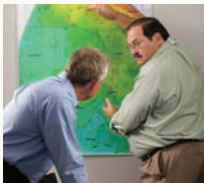
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