Shale Gas — Agenda

Tuesday 18 May 2010 — Texas A&M University, College Station TX
Richardson Building, Room 309 — Harold Vance Department of Petroleum Engineering

Agenda: (Moderated by Tom Blasingame)
08:30-09:00 Coffee/Light Breakfast
09:00-09:30 (Ayers) Shale Gas Petroleum Systems and Activities
   • AYERS, Walt: Introductory Remarks
   • TIAN, Yao: PROPOSAL: Eagle Ford Shale, Rio Grande Basin, South Texas: Regional Assessment of Reservoir Characteristics, and Production Optimization of a Gas Condensate Reservoir Using Sensitivity Analysis

09:30-10:00 (Sassen) Shale Gas Geochemistry
   • SASSEN, Roger: Reactions of Hydrocarbon Gases Catalyzed by Shale Minerals

10:00-10:30 (King) Reservoir Modeling in Tight-Gas Reservoir Systems
   • KING, Mike: Comparison of Spatially Adaptive Upscaling Strategies for Tight Gas Reservoirs

10:30-11:00 (McVay) Optimizing Development Strategies in Shale Gas Reservoirs
   • McVAY, Duane: Optimizing Development Strategies in Shale Gas Reservoirs

11:00-11:30 (Holditch) Gas Shale Recovery
   • HOLDITCH, Steve: economically recoverable gas in gas shales and the world wide gas inventory

11:30-12:30 Lunch Speaker: BIRKHEAD, Scott (Anadarko Petroleum Corporation)
Shale Gas Petrophysics
12:30-13:15 (Economides) Analysis of Well Performance from Naturally Fractured Reservoirs
   • ECONOMIDES, Christine: Overview
   • SONG, Bo: New Albany Shale — Analysis of Well Performance
   • TBD: Analysis of Mini-Frac Tests in Low and Ultra-Low Permeability Reservoirs

13:15-14:00 (Blasingame) Well and Reservoir Performance of Shale Gas Systems
   • BLASINGAME, Tom: Introductory Remarks
   • FREEMAN, Matt: Shale Gas Modeling
   • JAM, Sonia: Factors Affecting Shale Gas Performance — A Parametric Modeling Study
   • ILK, Dilhan: Summary of Rate-Time Analysis Relations for Application in Shale Gas Systems (closure)
   • CURRIE, Stephanie: Continuous EUR and Application of Rate-Time Models for Shale Gas Systems (closure)

14:00-14:30 (Ghassemi) Rock Mechanics of Shale Gas Systems
   • XUE, Wenzhu: Fracture Modeling
   • SERAJIAN, Vahid: Pulse Permeability

14:30-14:45 (Zhu) Production Engineering Issues for Shale Gas Wells
   • ZHU, Ding: The Role of Well Trajectory in Shale Gas Wells

14:45-15:00 (Valko) Well Stimulation — Shale Gas
   • CAN, Bunyamin: Production Decline in Shales

15:00-15:30 (Nasr-El-Din) Well Stimulation — Shale Gas
   • NASR-EL-DIN, Hisham: Well Stimulation Issues for Shale Gas Systems

15:30-16:00 (Moderator: Blasingame) An Open Discussion on the Technical Challenges of Shale Gas Development
16:00 Adjourn