Agenda for 2011 April Meeting

Wednesday, April 20th, 2011
(held in 157 Hosler Building, University Park, PA; map: http://www.campusmaps.psu.edu/print/)
1:30 – 2:00pm  Coffee
2:00 – 3:30pm  Software demonstration
   • Hydraulic Fracture Propagation Model, Mohamad Zeini Jahromi
   • PDA Model, Mr. Gan
   • Model for Interpretation of Fracturing Pressure, Daniel Gunho Kim
   • Well and Fracture Damage Identification Model, Jiahang Han
   • Overview and Fracture Fluid Cleanup Model, John Yilin Wang

3:30 – 5:00pm  Laboratory tour
   • Office visit (215 Hosler)
   • Fracture conductivity tests (117 EI West Bldg.)
   • Shale and fracture fluid interaction tests (20 Deike and 117 EI West Bldg.)

5:30 – 9:00pm  Dinner at Nittany Lion Inn

Thursday, April 21st, 2011
(held in 157 Hosler Building, University Park, PA; map: http://www.campusmaps.psu.edu/print/)
8:00 – 8:30am  Coffee
8:30 – 10:00am  Presentation
   • Welcome by Yaw Yeboah, Department Head
   • Marcellus Shale Geology by Terry Engelder (Guest speaker)
   • Progress Overview by John Yilin Wang
   • Factors Affecting Hydraulically Fractured Well Performances in the Marcellus Shale Gas Reservoirs by John/Tunde

10:00 – 10:15am  Coffee break
10:15 – 12:00pm  Presentation
   • Interpretation of Hydraulic Fracturing Pressure in Low-permeability Gas Formations by Daniel
   • Identification and Remediation of Hydraulic Fracture Damages by Jiahang
   • A 3D, 2-phase Model for Fracture Propagation and Fluid Cleanup in the Marcellus Shale Gas Reservoirs by Mohamad

12:00 – 1:00pm  Lunch
1:00 – 3:00pm  Presentation
   • Fracture Height Containment in the Stimulation Oriskany Formation by Tushar
   • Fracturing Technology for Ultra-tight Gas Sands by Kelvin
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- Reservoir Simulation Study of LCC Oil Field by Gan
- New Predictive Models for Reserve Assessment of Hydraulically Fractured Shale Gas Wells by Chigozie
- A Laboratory Experimental Study on Interactions of Marcellus Shale with Fracture Fluids by Caleb

- Identification and Solution of Scale/salting Issues by Phani
- A Laboratory Study of The Flowback Fracture Fluids for Reusage in Future Treatments
- Risk Assessment of Drilling Operations in the Marcellus Shale Formation by Richard

3:00 – 4:00pm           Open discussion
4:00pm                  Meeting adjourned