Comparative Anatomy of Devonian Shale Plays in the Appalachian, Illinois and Michigan Basins

Appalachian Region PTTC Workshop – June 21, 2007
National Research Center for Coal and Energy; Morgantown, WV
8:00 a.m. Sign-in; 8:30 p.m. - 5:00 p.m. workshop
Hosted by the West Virginia Geological Survey, NRCCE & Schlumberger-Pittsburgh

Overview

Recent successes in the Barnett Shale Play have attracted the attention of industry everywhere, leading to an explosion of activity in gas shale trends in many parts of the country. Here in the Appalachian basin, names like Barnett, Woodford, Caney, Fayetteville and Floyd have become as well-known as Antrim, New Albany, Huron, Rhinestreet and Marcellus. And, while Appalachian, Illinois and Michigan basin operators have taken a serious look at some of these new shale plays, they also have shown interest in revisiting our older shale plays.

Can a close examination of the anatomy of a new shale play help to resolve still unanswered questions in older shale plays? Or, does each new play bring with it a new set of questions to be answered? What is it that can make a shale a commercial play? How do you evaluate the potential of these shales? What new technology has been developed to exploit these plays? What can we learn from one play that can be applied to other plays? What characteristics are unique to a given play and must be understood to achieve success?

We propose to present a comprehensive comparative anatomy of three eastern basin shale plays, including discussions of internal stratigraphy, structure, reservoir character, production controls, drilling and development history, and advances in technology as the plays developed.

The workshop is designed for geologists and engineers with an interest in, or who are actively working in, shale plays in the Appalachian, Illinois and Michigan basins. Service companies, investors, land men, students, faculty and government employees also will find the program to be of interest and value.

Schedule

Sign-in and workshop material distribution will begin at 8:00 a.m. on June 21, 2007.
The workshop will begin at 8:30 a.m. and conclude at 5:00 p.m.

Cost & Registration Information

The fee for the workshop is $125.00 which includes workshop material and all breaks. *** Please make checks payable to "WVU Research Corp" and send with the attached registration form by June 15 to:**

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Fax: (304) 293-7822
Email: doug.patchen@mail.wvu.edu

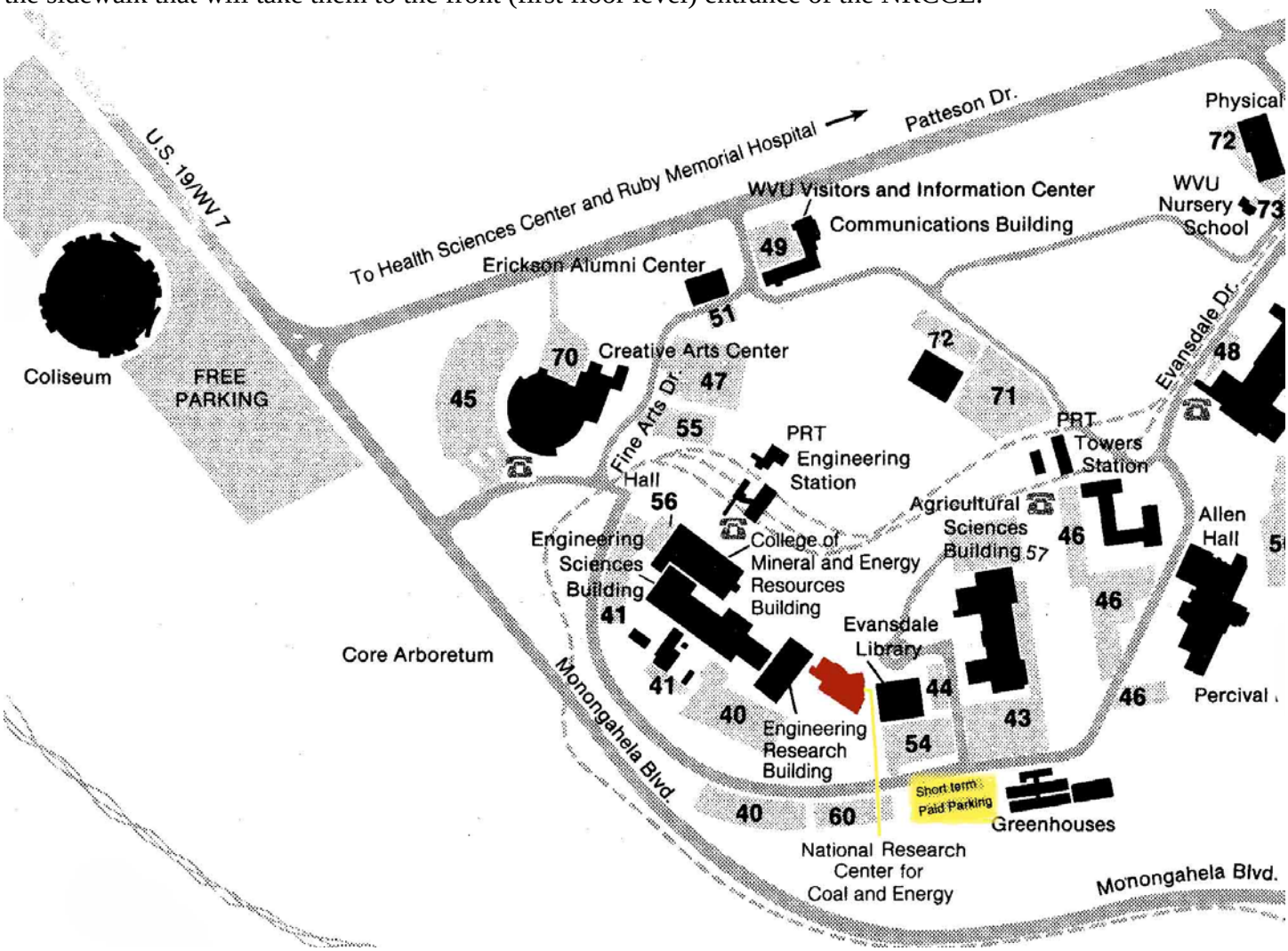
Parking Alert for Attendees at NRCCE — Evansdale Campus, West Virginia University

Due to construction behind the Engineering Building on the Evansdale Campus of West Virginia University, the parking area behind NRCCE is currently being used as a staging area for the construction crews; therefore, this lot is no longer accessible to vehicles or pedestrians. Attendees should note the following:

Paid Parking in the short-term pay lot next to the WVU Greenhouse. Rate is $1.00 per hour and the machine does not give change. Accepts only $1 bills and coins, so attendees need to arrive with at least 8 $1 bills in their possession. Attendees should arrive early to use this option because WVU employees with parking permits are being forced to park here for the next 90 days.

Free Parking in the WVU Coliseum parking lots. Attendees may park at the Coliseum and ride the free university shuttle bus to the Mineral and Energy Resources Building, just a short (5 minute) walk from the NRCCE building. Attendees who use this option should allow an extra 20 minutes to park, catch a bus and walk to the NRCCE. Buses depart from the Coliseum Blue Gate every 10 minutes from 7:30 am until 5:00 pm, and every 15 minutes from 5:00 pm until 10:00 pm.

Access to the NRCCE Building is through the front (first floor) entrance only. Those who park in the pay lot next to the Greenhouse will need to walk around the NRCCE building using the sidewalk closest to the pay lot and enter the front (first floor level) of the building. When they do so, the workshop room will be immediately on their left after they enter the building. Those who park in the Coliseum lots and ride the bus will walk along the sidewalk that will take them to the front (first floor level) entrance of the NRCCE.



"Comparative Anatomy of Devonian Shale Plays, Appalachian, Illinois and Michigan Basins"

NAME:_____

COMPANY:_____

ADDRESS:_____

CITY:_____STATE:_____ZIP CODE: _____

PHONE: _____ FAX: _____

EMAIL: _____

Preliminary Program

8:00 am	Registration and Continental Breakfast
8:30 am	Hot Shale Plays – Challenges, Potential and New Technology - Chuck Boyer, Schlumberger Pittsburgh
10:00 am	Coffee Break
10:30 am	Assessment of Undiscovered Natural Gas Resources in Devonian Black Shales, Appalachian Basin, Eastern U.S.A. - Robert Milici, U.S. Geological Survey
11:30 am	Shale Reservoir Evaluation and Stimulation - Jim Fontaine, Universal Well Services
12:00 pm	Lunch
1:00 pm	Geology and History of the Antrim Shale Play, Michigan Basin - William Harrison, Western Michigan University
2:00 pm	Geology of the Devonian New Albany Shale Play, Illinois Basin - Chris Swezey, U.S. Geological Survey
3:00 pm	Coffee Break
3:30 pm	Commercialization of Biogenic Gas from Antrim and New Albany Shales - John Hunter, Aurora Oil & Gas Corporation
4:15 pm	Geochemical Evaluation and Comparison of Eastern USA Gas Shales to Other Shale Gas Systems in the USA – Dan Jarvie, Humble Geochemical Services, a Weatherford International Company
4:45 pm	Proposed "Appalachian Basin Shale Play Research Consortium" - Douglas Patchen, WVGS-WVU
5:00 pm	PDH Certificates & Evaluation Forms; adjourn