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OKLAHOMA GEOLOGICAL SURVEY
College of Earth and Energy
Sarkeys Energy Center
100 E. Boyd, Room N-131
Norman, Oklahoma 73019-1001

Shale Gas and Oil Workshop
November 20, 2013

Oklahoma Geological Survey

INFORMATION

PREREGISTRATION FORM—Make checks payable to “University of Oklahoma.” Please fill out form, detach, and return with check to: Oklahoma Geological Survey, 100 E. Boyd, Room N-131, Norman, Oklahoma 73019.

NAME: (Last) (First) (Initial)

AFFILIATION: (Nickname for badge)

MAILING ADDRESS: PHONE:

CITY: STATE: ZIP: FAX:

E-MAIL:

Check must accompany this form.

Use separate form for each registrant.

Workshop Registration $175.00

Tuesday, Nov. 19 Field Trip $200.00

Thursday, Nov. 21 Field Trip $200.00

Total Amount Enclosed $_____

Sorry, we are unable to accept credit cards.

*Note: Field-trip attendees must also register for the conference. Limited number of field-trip spots are available.

TRANSPORTATION

Will Rogers World Airport is 25 minutes from the Moore Norman Technology Center. Parking at the Moore Norman Technology Center is free.

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Purpose and Scope of Meeting

A nearly decade-long search for shale gas in Oklahoma has expanded from producing gas in the Arkoma Basin to liquid hydrocarbons (condensate and oil) in the western Arkoma Basin, Anadarko Basin (Cana and Cana), and Ardmore Basin, and north-central Oklahoma. This workshop will emphasize lessons learned from operators and researchers in Oklahoma shale gas and oil exploration and development with particular emphasis on the Woodford Shale. Presentations will focus on the geologic, geochemical, petrographic, mineralogical and engineering factors that are beneficial for commercial production of liquid hydrocarbons from tight, silica-rich shale.

Program Agenda

8:45 Welcoming Address, by Randy KELLER, Oklahoma State Geologist / University of Oklahoma (OU) Mewburne College of Earth & Energy (MCEE) ConocoPhillips School of Geology & Geophysics

9:00 Woodford Shale: Correlating Rock Properties in Outcrop and Core with Wireline Log Characteristics, by Jim PUCKETTE, Oklahoma State University, Stillwater, OK


10:00 Coffee Break; Exhibits; OGS Publications Available

10:30 Keynote Address—Generation, Retention, Recovery: Unconventional Shale Oil from a Geochemist’s Perspective, by Tim E. RUBLE, Weatherford Laboratories, Houston, TX

11:30 Woodford Exploration in the Anadarko Basin, by Walter J. LAMLE, Devon Energy Corporation, Oklahoma City, OK

12:00 Lunch; Exhibits; OGS Publications Available

1:00 Cana Woodford Shale Play, Anadarko Basin: The Effects of Mudrock Lithologies and Mechanical Stratigraphy on Completion and Production, by Craig G. CALDRELL, Cinarex Energy Company, Tulsa, OK

1:30 Data Driven Woodford Shale Risk Characterization, by Kevin MORGAN, Phil FOX, John THORKELSON, Madhav M. KULKARNI, Timothy JENSEN, Marathon Oil Corporation, Oklahoma City, OK

2:00 Woodford Shale Development in the Ardmore Basin, Oklahoma: Initial Thoughts on Beginning an Infill Drilling Program, by Sam HENDRSON, Merit Energy Company, Dallas, TX

2:30 Coffee Break; Exhibits; OGS Publications Available

3:00 Chemostratigraphy and its Applications to the Woodford Shale, Oklahoma, by Bryan TURNER and Roger M. SLATT, University of Oklahoma, School of Geology and Geophysics, Norman, OK

3:30 Influence of Thermal Maturity on Organic Shale Microstructure, by Mark E. CURTIS, University of Oklahoma, Mewburne School of Petroleum and Geological Engineering, Norman, OK

4:00 End of Workshop

CONTINUING EDUCATION CREDITS

8 CEU’s or PDH’s for workshop
8 CEU’s or PDH’s for fieldtrip

SUGGESTIONS FOR HOUSING

Embassy Suites Norman 405/253-3539
The Montford Inn 405/321-2200
Court Yard By Marriott Norman 405/701-8900

Field Trip Description

A one-day field trip, offered on both Tuesday, November 19, and Thursday, November 21, will visit five extended stops in the western Arbuckle Mountains and eastern Criner Hills in southern Oklahoma. Exposures of the Woodford Shale will be viewed to compare and contrast source-rock and reservoir quality for oil and gas shales, correlate lithologies in outcrop to electric logs in the subsurface, and examine the occurrence, extent, and orientation of fractures in outcrop that are the source of permeability in the subsurface.*

*Note: Field-trip attendees must also register for the workshop. Limited number of field-trip seats are available — register TODAY!