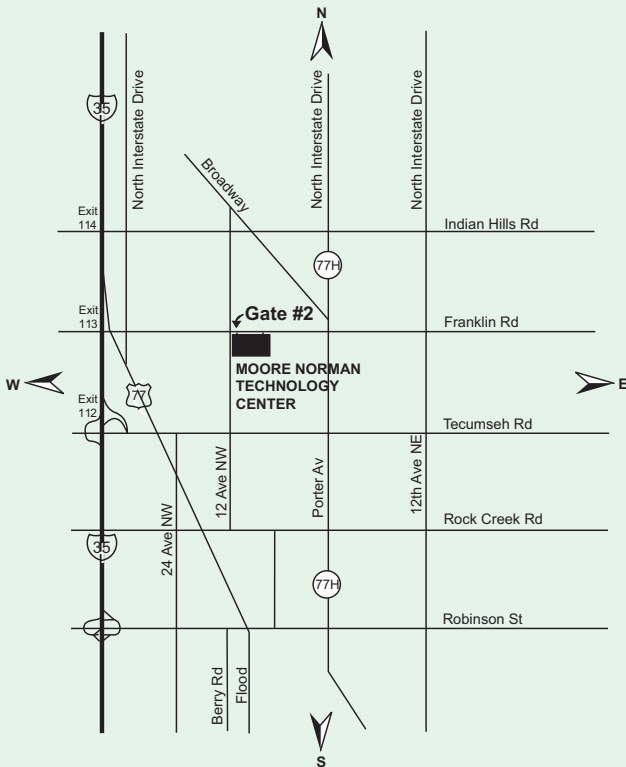


TRANSPORTATION

Will Rogers World Airport is 25 minutes from the Moore Norman Technology Center in Norman. Ground transportation (taxis, rental cars, and airport shuttle for hire) is available in the baggage claim area. Parking at the Moore Norman Technology Center is free.

HOUSING

Embassy Suites Norman **405/364-8040(NPS)**
Hilton Garden Inn **405/579-0100(NTC28)**



Moore Norman Technology Center

Main Campus - (405) 364-5763
4701 12th Avenue NW, Norman, Oklahoma

Southbound from Oklahoma City take Exit 113 and turn left on Franklin Rd. Turn right at Gate 2 entrance.

Northbound traffic take Exit 112. Turn left (east) on Tecumseh Rd. Turn left (north) on 12th Ave NW. Turn right (east) on Franklin Rd. Turn right at Gate 2 entrance.

FURTHER INFORMATION

Technical questions: **Carl Sondergeld**, Mewbourne School of Petroleum and Geologic Engineering, 405/325-6870, csondergeld@ou.edu. Registration and other information: **Oklahoma Geological Survey** 405/325-3031 or 800/330-3996; **Michelle Summers** 405/325-7313, mjsummers@ou.edu; **Tammie Creel** 405/325-3034, tcreel@ou.edu.



Field trip participants viewing the Woodford Shale outcrop.

New Perspectives on Shales

July 28-29, 2010



Oklahoma Geological Survey

G. Randy Keller, Director

The University of Oklahoma
MEWBOURNE COLLEGE OF EARTH & ENERGY

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.* CEU credit, check here. PDH credit, check here.

Workshop Registration \$125.00

Fieldtrip Registration \$150.00

Special Workshop rate for

University Students ONLY \$ 15.00

Sorry, we are unable to accept credit cards.

If you have a special disability, medical, or dietary needs, please check here.

Total Amount Enclosed \$ _____

FAX number 405-325-7069

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

Field Trip Description

Thursday, July 29

A one-day visit to three 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 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.

Poster Session

Includes studies ranging from the micro to the seismic scale. Petrophysical, geological, and seismic studies of gas shale will be available for detailed examination and discussion.

Purpose and Scope of Workshop

Wednesday, July 28

Accelerating exploitation in both domestic and international shales is generating *new* data and *new* questions. Cumulative learning from multiple shale plays can improve our understanding of a particular shale, leading to *new* models for gas storage and transport, *new* procedures for core analysis, *new* stimulation approaches, and *new* production strategies. *New* imaging technologies that reveal and quantify details of shale microstructure have been corroborated by mercury capillary pressure measurements and NMR spectroscopy. Shale mineralogy plays a critical role in defining more prospective reservoir elements and stimulation placement.

This workshop will focus on how these developments constrain transport models, gas-in-place calculations, and the role of organics. The goal is to stress the differences and similarities among shales by comparing data and experiences from various plays, in particular, the Marcellus, Bakken, Haynesville, Barnett, Woodford, Eagle Ford, and Fayetteville.

Carl Sondergeld, Mewbourne School of Petroleum and Geologic Engineering

July 28-29, 2010

REGISTRATION AND INFORMATION

Moore Norman Technology Center

7:30 a.m. - 4:30 p.m.

TECHNICAL PROGRAM

Moore Norman Technology Center

9 a.m. - 4:30 p.m.