

PROGRAM SUMMARY

Wednesday, May 23

REGISTRATION AND INFORMATION

Meridian Convention Center, Great Hall
7 a.m.—5 p.m.

TECHNICAL PROGRAM

Meridian Convention Center, Salon H
8:45 a.m.—4:45 p.m.

EXHIBITORS AND POSTER SESSION

Meridian Convention Center, Salon I
10:00 a.m.—10:30 a.m.
2:45 p.m.—3:15 p.m.

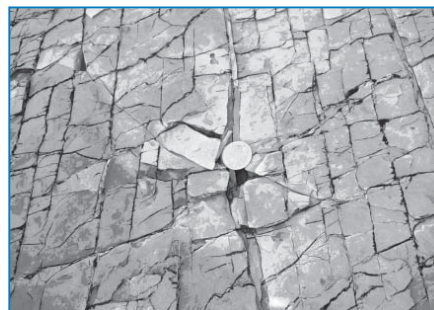
PURPOSE AND SCOPE OF MEETING

The Woodford Shale (Late Devonian-Early Mississippian) is an important hydrocarbon source rock and gas shale in Oklahoma. Successful Woodford gas-shale wells require an understanding of source-rock characteristics and reservoir properties, as well as the application of specialized completion techniques. Conference topics include geology, stratigraphy, electric-log response, source-rock characteristics, reservoir properties, completion practices, hydrocarbon production, and gas-shale plays.

PROGRAM EVENTS

Meridian Convention Center, Salon H

- 8:45 **Welcoming Address:** by Charles J. **MANKIN**, Director, Oklahoma Geological Survey, Norman, OK
- 9:00 **Overview of Woodford Gas-Shale Play in Oklahoma,** by Brian J. **CARDOTT**, Oklahoma Geological Survey, Norman, OK
- 9:30 **Hydrocarbon Production and Outcrop Characteristics of the Woodford Shale in Southern and Eastern Oklahoma,** by Richard D. **ANDREWS**, Oklahoma Geological Survey, Norman, OK
- 10:00 Coffee Break; Exhibits; Poster Session**
- 10:30 **Stratigraphic Correspondence Between Shale Properties and Geophysical Well-log Response in the Upper Devonian/Lower Mississippian Woodford Shale of Oklahoma,** by Stanley T. **PAXTON**¹, Anna M. **CRUSE**², and Michael **AUFILL**², ¹U.S. Geological Survey, Oklahoma City, OK, ²Oklahoma State University, Stillwater, OK
- 11:00 **High Resolution Facies Changes, Lateral Continuity, and Fracturing of the Woodford Shale from Behind Outcrop Drilling, Logging, and Coring,** by Nichole **BUCKNER**¹, Roger **SLATT**¹, and Bill **COFFEY**², ¹University of Oklahoma, Norman, OK, ²Devon Energy Corporation, Oklahoma City, OK
- 11:30 **Reservoir Characteristics and Gas Production Potential of Woodford Shale in the Southern Midcontinent,** by John B. **COMER**, Indiana Geological Survey, Bloomington, IN
- 12:00 Lunch, Imperial Ballroom**
- 1:15 **Comparison of Woodford Shale to Other Producing and Prospective Shale-Gas Systems,** by Daniel M. **JARVIE**¹, Tim E. **RUBLE**¹, Ronald J. **HILL**², and Brian M. **JARVIE**¹, ¹Humble Geochemical Services, Humble, TX, ²U.S. Geological Survey, Denver, CO
- 1:45 **Evaluation of the Woodford Gas-Shale Reservoir and Observations Regarding Successful Plays,** by Keith **BARTENHAGEN**, Schlumberger Data and Consulting Services, Oklahoma City, OK
- 2:15 **Southeast Oklahoma Horizontal Woodford Completion Practices,** by Bill **GRIESER** Sr., Halliburton Energy Services, Oklahoma City, OK
- 2:45 Coffee Break; Exhibits; Poster Session**
- 3:15 **Woodford Operational Challenges,** by Tim **CLAWSON**, Antero Resources Corporation, Denver, CO
- 3:45 **Oklahoma: Woodford Rising?,** by Sam **LANGFORD**, Newfield Exploration Mid-Continent, Inc., Tulsa, OK
- 4:15 **Woodford Gas Shale in the Arkoma Basin,** by Jeff **HALL**, Devon Energy Corporation, Oklahoma City, OK



FIELD TRIP DESCRIPTION

A one-day field trip, offered on both Tuesday, May 22, and Thursday, May 24, will visit six stops in the western Arbuckle Mountains and eastern Criner Hills in southern Oklahoma. Exposures of the Sylvan, Woodford, and Caney Shales on the north side of the Arbuckle Mountains; Woodford and Caney Shales on the south side of the Arbuckle Mountains; and Woodford Shale in the Criner Hills will be viewed to compare and contrast source-rock and reservoir quality for gas shales.

POSTER SESSION

Thermal Maturation of Woodford Shale in Oklahoma, by Brian J. **CARDOTT**, Oklahoma Geological Survey, Norman, OK

Generalized Structure of the Woodford Shale in Eastern Oklahoma, by R. Vance **HALL**, Staghorn Energy, Tulsa, OK

The Relationship of the Arkansas Novaculite to the Woodford Shale, by Galen **MILLER**, Oklahoma Geological Survey, Norman, OK

Characterization of the Woodford Shale in Outcrop and Subsurface in Pontotoc and Coal Counties, Oklahoma, by Ryan **MILLER**, Devon Energy Corporation, Oklahoma City, OK