PETROLEUM & FLUID EXTRACTION & INJECTION WORKSHOP & FIELD TRIP

NOVEMBER 10 –12, 2015

The Oklahoma Geological Survey will present a one-day workshop on **Petroleum & Co-Produced Fluid Extraction & Injection.** The workshop will be held on November 11th at the Reed Conference Center, 5750 Will Rogers Road, in Midwest City, Oklahoma. The workshop is designed to cover recent developments of petroleum-rich carbonate reservoirs in the Mid-Continent which have led to large-scale water-disposal practices. Understanding local and regional characteristics of reservoirs that produce hydrocarbons and the formations that are used for saltwater disposal is critical for continued development of oil and gas resources.

This workshop will examine development trends of the Hunton and Mississippian plays that have significant oil and water extraction histories. Another emphasis will be on the formations comprising the Arbuckle Group that are the primary saltwater disposal zones in Oklahoma. Scientific findings and operator case studies will supplement the workshop.

The field trip on November 10th or 12th will examine outcrop and/or quarry exposures of geologic and structural features that may be extrapolated to subsurface producing and disposal zones. These rock exposures exhibit porosity types, and fracture patterns that not only store hydrocarbons but also enable widespread and large-scale water disposal/migration into the Arbuckle Group.

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