

[&lt;Back to Field Trips and Short Courses](#)

## **PRE-CONVENTION FIELD TRIP**

### **Depositional Complexities of Upper Pennsylvanian Fluvial-Dominated Deltaic Deposits, Skiatook Lake, Oklahoma**

**Lee F. Krystinik**

**AAPG Midcontinent 2021**

**Saturday, October 2nd**



**Course Description:** This field trip documents the remarkable diversity of reservoir and seal deposits of the Upper Pennsylvanian (late Missourian to early Virgilian) river-dominated deltaic and interdeltic deposits exposed around Skiatook Lake, northwest of Tulsa, OK. The group will spend most of the day cruising on pontoon boats to examine a series of excellent coastal exposures ranging from marine shale to pro-deltaic event beds and delta-front turbidites to massive, amalgamated distributary-mouth-bar deposits, distributary channels deformed by dewatering and a sub-lacustrine gas seep coming out of these sands. The trip will finish with beers and a social hour overlooking the lake.

**Logistics:** Bus departs from the Hyatt hotel at 8:00 AM and returns the participants to the hotel by 6:00 PM. Lunch, snacks, and drinks will be provided during the trip along with a selection of beers at the end of the trip.

**Field Trip Leader: Lee F. Krystinik**

Lee F. Krystinik specializes in applied sedimentary and stratigraphic analysis to predict clastic reservoirs and has a Ph.D. in geology from Princeton University. Krystinik has held positions as Manager of Geology at Union Pacific Resources, Global Chief Geologist for ConocoPhillips, Co-founder of Fossil Creek Resources and is now a founding Partner in Equus Energy Partners, an exploration partnership that uses new technologies in the search for overlooked targets.

His areas of interest include syn-tectonic sedimentation and other controls on basin-fill architecture, integrated play assessment, and cost-effective implementation of new concepts and technology. Dr. Krystinik has been an AAPG Distinguished Lecturer in North and South America and he is a past President of both SEPM and AAPG.

**Cost: \$165/person (Limited to 35)**

[Back to Field Trips and Short Courses](#)