

RMS-SEPM talk November 2011

Stratigraphic Framework and Controls on Pennsylvanian Granite Wash Production, Anadarko Basin, Texas and Oklahoma

Ed LoCricchio,

Cordillera Energy Partners, LLC

The Granite Wash play extends over 130 miles across seven counties in the Anadarko basin. This 114 BBOE recoverable resource has recently come to the forefront of domestic resource development due to: 1) advancements in horizontal drilling and frac technology; 2) recognition of variable pressured regimes; and 3) a better understanding of the stratigraphic framework.

Granite Wash sediments are the result of detritus shed from the Wichita Mountain –Amarillo Uplift into the basin. This deep water deposit can be divided into at least fifteen reservoirs by mapping regionally correlative flooding surfaces. This complex stratigraphy results from the interplay between tectonically controlled Granite Wash sediments from the south and shelf derived sediments from the north. Detailed net sand maps and regional cross-sections demonstrate these stratigraphic and structural controls on reservoir extents and lateral continuity of this important resource.

Back to the [RMS-SEPM Luncheon Abstract Archive](#)