OVERVIEW

A review of Chesapeake’s efforts to improve the results in the Colony Granite Wash Play located in Washita, Oklahoma

• Geologic Model
  ➢ Turbidite fan system
  ➢ Three major flow units

• Geophysical Integration
  ➢ Fully integrating the 3D seismic with the geologic mapping
  ➢ Using seismic impedance to map lithology

• Refined Geologic Mapping
  ➢ Updated geologic maps to improve economics and issues with drilling
  ➢ Better prediction of economic reservoirs

• Implementation of the Process
  ➢ Integration of the seismic with geologic maps have found new successful locations
  ➢ Continue to test new ideas based on the integrated effort

• The Seismic Potential
  ➢ Extracting reservoir properties for seismic inversions

• Business Impacts