

Unconventionals Update: Challenging the Assumptions

Susan Nash

AAPG

Abstract

The goal of this poster session is to provide a comparative analysis of major shale plays and to list the main challenges and opportunities that exist as the plays are developed. Main assumptions about each play are presented, and each are evaluated and updated, based on lessons learned. Examples include assumptions about brittleness, hydraulic fracture plans, fracture networks, implications of mineralogy, organic porosity, pressures and reservoir drive, sweet spot determination, well spacing, drilling and hydraulic fracturing fluid selection, cluster spacing, and proppant selection.