



Osodo, South Prospect
Net Porosity Isopach
 Middle Morrow => 6%

● Middle Morrow Completion (Mcf)

(Wellspots: Penn Penetrations only > 10,900')

Lea County, New Mexico

Cl: 4' Geol: M.E. Cheney, L.S. Charuk
 Date: May, 2004

Chesapeake Regional

Samson Exhibit 54
 NMOC Case Nos. 13492/13493
 Submitted 8/10/06