Figure DR-1. Graph of depth against pressure showing that differential loading of porous sand with a centroid (see Traugott and Heppard, 1994) at 275 m and an overburden thickness of 125 m up dip and 425 m down dip would generate 80 psi (552 kPa) of overpressure within sand, sufficient to equal lithostatic pressure.
Lithostatic gradient
Hydrostatic gradient
Shale pore-pressure gradient

'A-B' sand with hydrostatic pressure gradient
80 psi

Top Sand
Base Sand

Davies Figure DR-1

DATA REPOSITORY ITEM