

## Key Differences Between Blunt's and Kelkar's Material Balance Analysis

	U.S.	Blunt
N	<ul style="list-style-type: none"> <li>•Uses full seismic volume</li> <li>•Assumes 100% connectivity</li> </ul>	<ul style="list-style-type: none"> <li>•Combines seismic with geology and pressure data</li> <li>•Uses maximum connectivity consistent with pressure analysis</li> </ul>
C	<ul style="list-style-type: none"> <li>•Report cites a single BP draft presentation</li> <li>•No scientific analysis of data</li> </ul>	<ul style="list-style-type: none"> <li>•Relies on values from laboratory measurements of Macondo core samples</li> </ul>
$\Delta p$	<ul style="list-style-type: none"> <li>•Assumes that hot wellbore oil does not cool after shut-in</li> </ul>	<ul style="list-style-type: none"> <li>•Accounts for cooling of wellbore oil after shut-in</li> </ul>