

11 August 2009

Companies Announcements Office  
Australian Securities Exchange Limited  
10<sup>th</sup> Floor, 20 Bond Street  
SYDNEY NSW 2000

Dear Sir/Madam

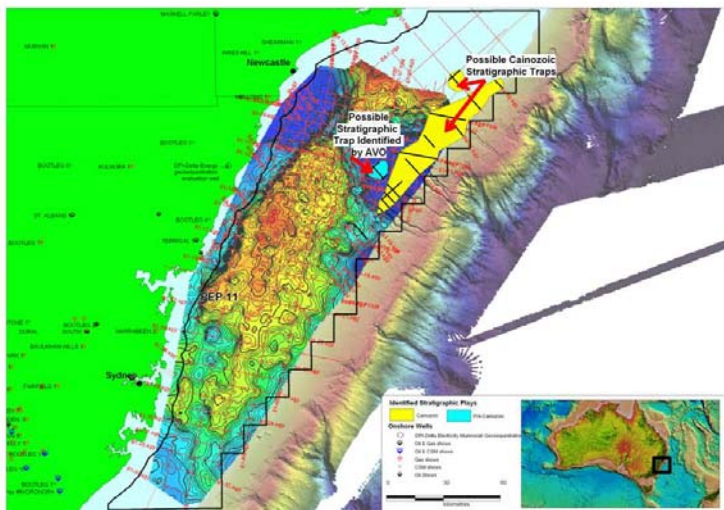
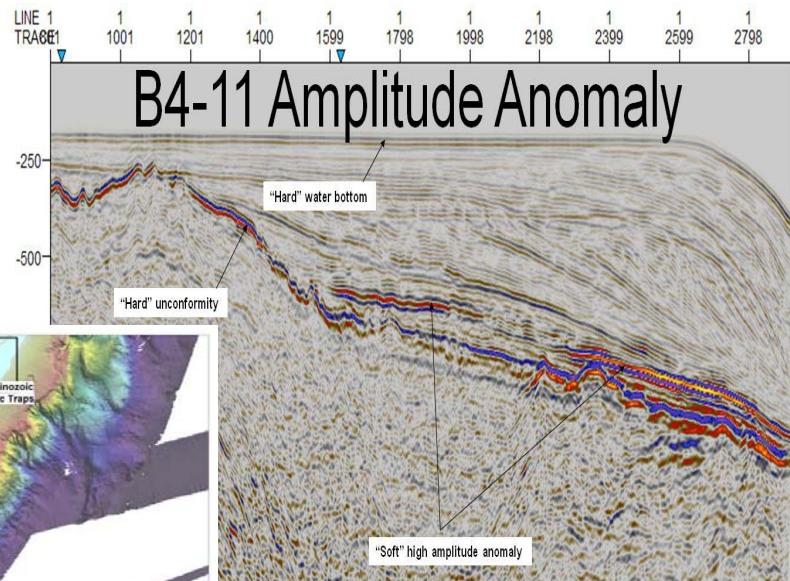
### Offshore Sydney Basin – Brazilian Analogue for New Prospective Hydrocarbon Plays

MEC Resources Limited (ASX: MMR) is pleased to advise that its investee company Advent Energy Ltd (Advent) has interpreted significant new prospective multi-Tcf stratigraphic plays in an ongoing review of its exploration data for the PEP11 offshore Sydney Basin project (JV partner - Bounty Oil & Gas NL (ASX: BUY)).

Advent has previously reported the prospective P10 unrisks gas resource estimate of 16.3 trillion cubic feet for the permit (ASX: MMR 27 October 2008), as residing in deeper, structural Permo-Triassic targets associated with the Offshore Uplift.

PEP11 covers a very large area (over 8,100km<sup>2</sup>). In addition to the aforementioned prospects, further examination of features in the Cainozoic sediment wedge overlying the Permo-Triassic sediments along the Sydney Basin continental shelf has demonstrated “soft” high amplitude anomalies (reverse polarity to the water bottom reflector) that are observed along sequential seismic lines continuously over considerable (>60 km) lateral NE-SW extent.

An example of the seismic features is provided on the right from seismic line B4-11 (seismic line length is ~30 km). The zones of contiguous amplitude anomalous horizons are depicted as yellow polygons in the permit map below.



Advent notes that these newly identified prospective zones are analogous to the giant Marlim field in the Campos Basin in Brazil.

