



**AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT
FRIDAY 15TH FEBRUARY 2008**

First stage completed of historic hot rock well in SA's Riverland

A heat flow estimate is expected to be known in six to eight weeks time from the first hole drilled in the Riverland area of South Australia to determine that region's potential to host a new province for Australia's rapidly emerging geothermal sector.

Eden Energy Ltd (ASX: EDE) announced today it had this week completed the prospecting drill hole, Chowilla 1, to its first stage depth of 512 metres. The well is the first "hot rock" hole ever to be undertaken in the region.

Eden will now allow temperatures in the hole to return to stable equilibrium conditions – possibly taking up to two months - following the disruption caused by the drilling activity. The Company will then undertake measurements to determine the temperature gradient over the well's entire surface to bottom-of-hole length.

This "first stage" heat flow estimate is a key determinant of whether the ground temperatures will continue to warm up to commercially attractive levels if the hole is deepened in any subsequent drilling stages.

Chowilla-1 is part of Eden Energy's two geothermal licence areas in the Riverland - GEL175 and GEL176 - located 40km northeast of Renmark and which are part of the geological feature known as the Renmark-Tararra Trough.

The location of Chowilla-1 is close to infrastructure and grid powerlines, including the main transmission lines running to Adelaide and Broken Hill – factors Eden says enhance the area's commercial potential for geothermal energy, particularly for a local and large-scale water desalination project.

Gregory H. Solomon
Executive Chairman

About Eden Energy Limited

Eden Energy Ltd is a diversified clean energy company that listed on the Australian Securities Exchange in June 2006. Eden has interests in hydrogen production, storage & transport fuel systems, including the low emission Hythane hydrogen-methane blend, coal seam & abandoned mine methane in the UK, conventional gas in SA, low temperature pyrolysis research into hydrogen production and geothermal energy production.

All these aspects of Eden's business are part of an integrated strategy to become a major global participant in the alternate energy market, particularly focussing on the clean energy transport market, producing hydrogen without any carbon emissions, transporting the hydrogen to markets & providing the engines to power hydrogen-based transport & energy solutions.

For further information please contact Greg Solomon (+61 8 9282 5889) or visit our website (www.edenenergy.com.au).