

18 August 2009

Company Announcements Office  
ASX Limited

Dear Sirs,

**THAILAND BLOCK L20/50 – RESULTS OF NEW 2D SEISMIC ENCOURAGE  
ADDITIONAL ACQUISITION**

Carnarvon Petroleum Ltd is pleased to announce that it has increased the coverage of its 2D seismic survey in the L20/50 block, onshore Thailand.

Carnarvon, as operator, and its partner Sun Resources NL, were committed to acquire 500 km of 2D seismic data in block L20/50 to investigate the potential of this prospective acreage. More than 75% of the ongoing acquisition is complete and work is proceeding on schedule. Brute stacks of these data were loaded onto computer workstations for review; the data are of excellent quality.

The results of initial interpretations of these new data are encouraging and an additional sub-basin is apparent in the south of the survey area. Therefore, approximately 48 km of new data acquisition are being added to the planned survey to further enhance the imaging of potential hydrocarbon kitchens and adjacent leads within the block. The cost of this additional acquisition is minimal given the contingency surplus of seismic source materials (dynamite and detonators).

**Carnarvon Petroleum Ltd (Operator) 50%**  
Sun Resources NL 50%

Yours faithfully,  
Carnarvon Petroleum Limited



Ted Jacobson  
Chief Executive Officer