



# SUN RESOURCES NL

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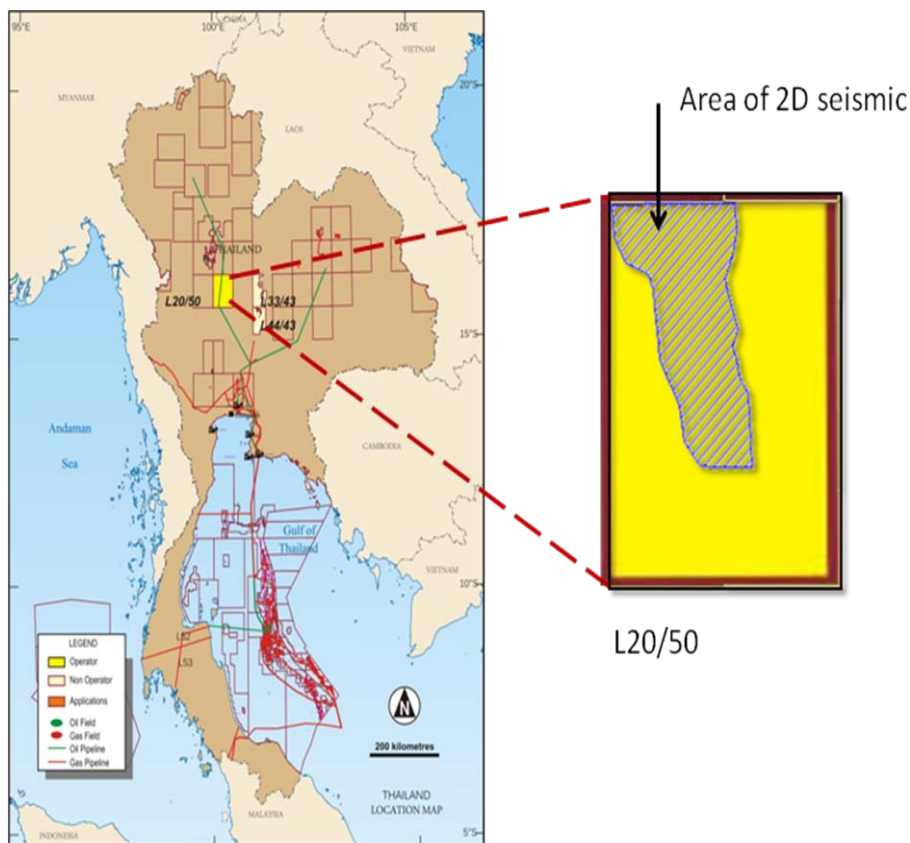
18 August 2009

Australian Stock Exchange Limited  
Company Announcements  
Level 4, 20 Bridge Street  
SYDNEY, NSW 2000

Dear Sir/Madam

## **RE: THAILAND L20/50 2D SEISMIC PROGRAM UPDATE** **INITIAL INTERPRETATION ENCOURAGES ADDITIONAL SEISMIC ACQUISITION**

Sun Resources NL (“Sun Resources”) is pleased to report that it has been advised by Carnarvon Petroleum Limited (“Carnarvon”), as Operator of L20/50, that the acquisition of 500 line kilometres of 2D seismic data on the permit is making good progress, with 75% of the acquisition now completed and the remainder on schedule for completion by the end August. Refer plan below.



**Location of L20/50, Thailand, showing outline of seismic survey currently in progress.**

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Brute stacks of initial data received to date have been loaded onto computer workstations for review. Data is of excellent quality and results over prospective leads are encouraging, but moreover they indicate an additional sub basin in the south of the survey area. The joint venture has thus actioned a further 48 line kilometres of new data acquisition 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).

Thirteen leads have been mapped by the joint venture on existing digitised old seismic data, four of which may contain >50 million barrels of oil in place with one of the four containing >150 million barrels of oil in place. The current seismic program is aimed at better defining the existing lead inventory in terms of size and resource potential as well as bringing them to a ranked prospect status for drilling in 2010. A bonus from the comprehensive program is identifying new leads and prospects, hence the joint venture's extra data acquisition over the original planned survey.

The seismic program will be followed by a drilling campaign of up to four wells. The joint venture is targeting analogous structures to Carnarvon's Phetchabun Basin Oil Fields, with the potential for containing oil in stacked shallow fractured volcanic as well as classic deeper sandstone reservoirs. Previous drilling in the permit (eg the off structure Bong Nua-1 well) has demonstrated that oil has been generated within the L20/50 concession and has migrated into deeper sandstone reservoirs.

L20/50 is located between Thailand's two largest producing onshore fields, being the next basin along from Carnarvon's Phetchabun Basin Oil Fields (~12,000 bopd) and 20 kilometres south and in the same basin as the prolific Sirikit Oil Field (>200 mboe reserves & ~20,000 bopd). Interests in the permit are:

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

Yours sincerely  
**SUN RESOURCES NL**



A P Woods  
**COMPANY SECRETARY/DIRECTOR**  
Attach

Copy: ASX DD Directors CB/Xin File