

14 December 2010

ASX Limited
Company Announcements
Level 4, 20 Bridge Street
SYDNEY NSW 2000

Dear Sir/Madam

Site Works Well Advanced in Thailand

- Construction of road works and well sites now well advanced
- Drilling operations expected to commence in January 2011
- Drilling rig has been contracted to drill up to 3 wells on the L20/50 concession, testing in excess of 80mmbo speculative potential, which is a best estimate based on gross recoverable oil. The wells will test oil potential across multiple stacked targets
- Environmental Impact Assessment for all 3 drill locations has been approved by the Thai government authority

Sun Resources NL ("**Sun Resources**" or "the **Company**") is pleased to report that Carnarvon Petroleum Limited ("**Carnarvon**") as Operator of the L20/50 Joint Venture onshore Thailand has provided an update of progress at site, which indicates the Joint Venture, will begin its drilling in January 2011.

In its release to the ASX today (a copy of which is attached to this announcement), Carnarvon advised that construction of road works and well sites is now well advanced for the drilling of up to 3 wells in the permit, and that drilling operations are expected to commence in January 2011 based on the progress of site works to date.

Carnarvon also reported that the Environmental Impact Assessment for the three prospect locations chosen by the Joint Venture has been approved by the Thai government authority.

As previously reported, the programme of up to 3 exploration wells will test in excess of 80mmbo speculative potential, which is a best estimate based on gross recoverable oil. The targets being tested by each of the first 2 firm wells and 3rd contingent well were announced by Sun Resources on 29 November 2010.

Matthew Battrick, Sun Resources' Managing Director said,

"We're very pleased with the progress being made at site, and look forward to spudding our first well in onshore Thailand."



AD-1 Drill Rig

Sun Resources NL	42.5%
Carnarvon Petroleum Ltd (Operator)	50%
Peak Oil & Gas Limited	7.5%

Yours faithfully
SUN RESOURCES NL

Matthew Battrick
Managing Director

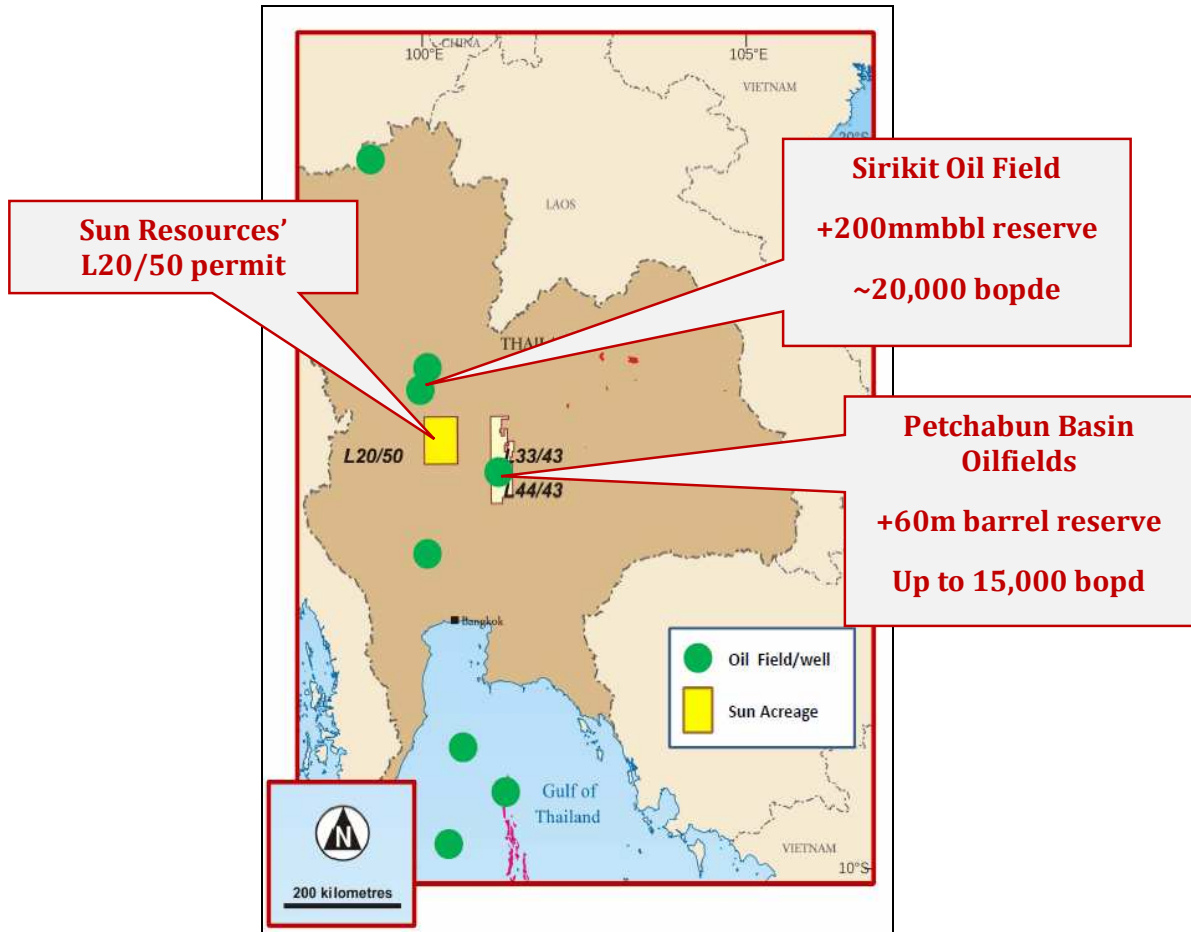
Information contained in this report was sourced from the Operator of the Joint Venture in which the Company has an interest and was compiled by the Managing Director of Sun Resources, Matthew Battrick, BSc (Geol), MPESA, MPESGB, MAAPG, GAICD who has 30 years experience in the practice of geology and more than 25 years experience in petroleum geology.

About the L20/50 Permit

The L20/50 permit lies on the onshore Phitsanulok Basin, located between Thailand's two largest producing onshore field complexes, being the next basin along from Carnarvon Petroleum Limited's Phetchabun Basin Oil Fields (producing up to 15,000 bopd with >60 mmboe estimated ultimate recovery) and 20 kilometres south, in the same basin as the prolific Sirikit Oil Field (producing ~20,000 bopd with >200 mmboe estimated ultimate recovery), figure 2.

The L20/50 Joint Venture exploration program is targeting a resource of similar size to that of Carnarvon and Pan Orient who are producing up to 15,000 bopd (with >60 mmboe estimated gross ultimate recovery) from a number of new oil pools in the "volcanic play" in the adjacent Phetchabun Basin, 50 kilometres to the east. The primary reservoir target in the wells testing the firm prospects is the traditional sandstone reservoirs that produces most of the oil from the prolific Sirikit Oil Field and is present in multiple levels in the Nong Bua-1 well within L20/50.

For more information and regular updates, please visit the website: www.sunres.com.au



Location of L20/50 Concession in relation to the Sirikit and Petchabun Basin Oilfields onshore Thailand



L20/50 Drilling Update

14 December 2010



Thailand L20/50 Concession

Site Preparations

Carnarvon Petroleum, as operator of the L20/50 permit, advises that construction of road works and well sites is now well advanced for the drilling of up to three wells in the permit. Drilling operations are expected to commence in January 2011 based on the progress of site works to date.

Drill Rigs

Asia Drilling Pte Ltd's AD-1 drilling rig has now been contracted to drill up to three wells on the L20/50 Concession. This rig has been operating in the region for some time and is capable of drilling to depths around 3,300m.

The rig is expected to comfortably manage the three wells planned by Carnarvon Petroleum, the deepest of which has a target depth of around 1,750m.

Pan Orient Energy Corporation, the operator of the L44/43 Concession, has also contracted a second rig for drilling on its 100% held L53/48 Concession with some additional drilling operations also being considered on the L44/43 Concession.

Once the AD-1 rig has completed drilling on the L20/50 Concession it will be released by Carnarvon and will be available for other operations.



SUMMARY

January 2011
Expected spud date

Drilling rig confirmed

2 firm wells &
1 contingent well to
be drilled 1st Quarter
2011

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Drilling programme

The objective of this first drilling programme of up to three wells is to establish the presence of a potentially commercial petroleum system in this sub-basin of the Phitsanulok Basin. If the results of drilling are sufficiently encouraging, this will be followed up with a targeted 3D seismic programme later in 2011 to better define prospects for further drilling.

The environmental impact assessment for the three prospect locations chosen by the Joint Venture has been approved by the Thai government authority. Furthermore, the joint venture has now agreed to drill two firm wells on the Tapao Kaew and Krai Thong prospects and one contingent well on the Chalawan prospect in the current drilling programme. Drilling is targeted to commence January 2011 dependent on weather conditions and time for site construction. Each well will take approximately two to three weeks to drill and evaluate.



Prospects

Whilst the drilling of these prospects is highly exploratory, due to the paucity of previous exploration drilling information and broad 2D seismic grid on which the prospect interpretation is based, mapped prospect sizes are substantial ranging from a gross mid-case recoverable oil volume estimate, if successful, of 21 mmbbls for Tapao Kaew, 37 mmbbls for Krai Thong and 32 mmbbls for Chalawan.

The three wells will evaluate three different prospect styles. The first well planned to be at Tapao Kaew will evaluate a potential stacked reservoir, hanging wall anticlinal closure on the western edge of the basin, immediately adjacent to the interpreted hydrocarbon kitchen. The well will be drilled to a planned total depth of 1,715 metres.

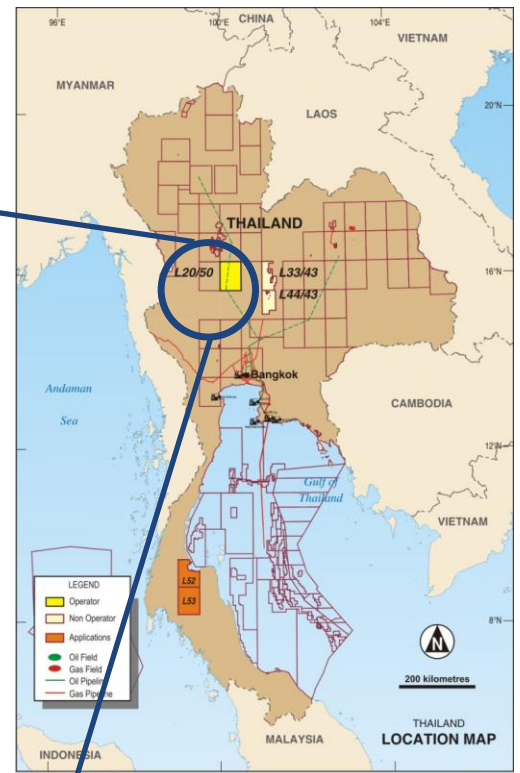
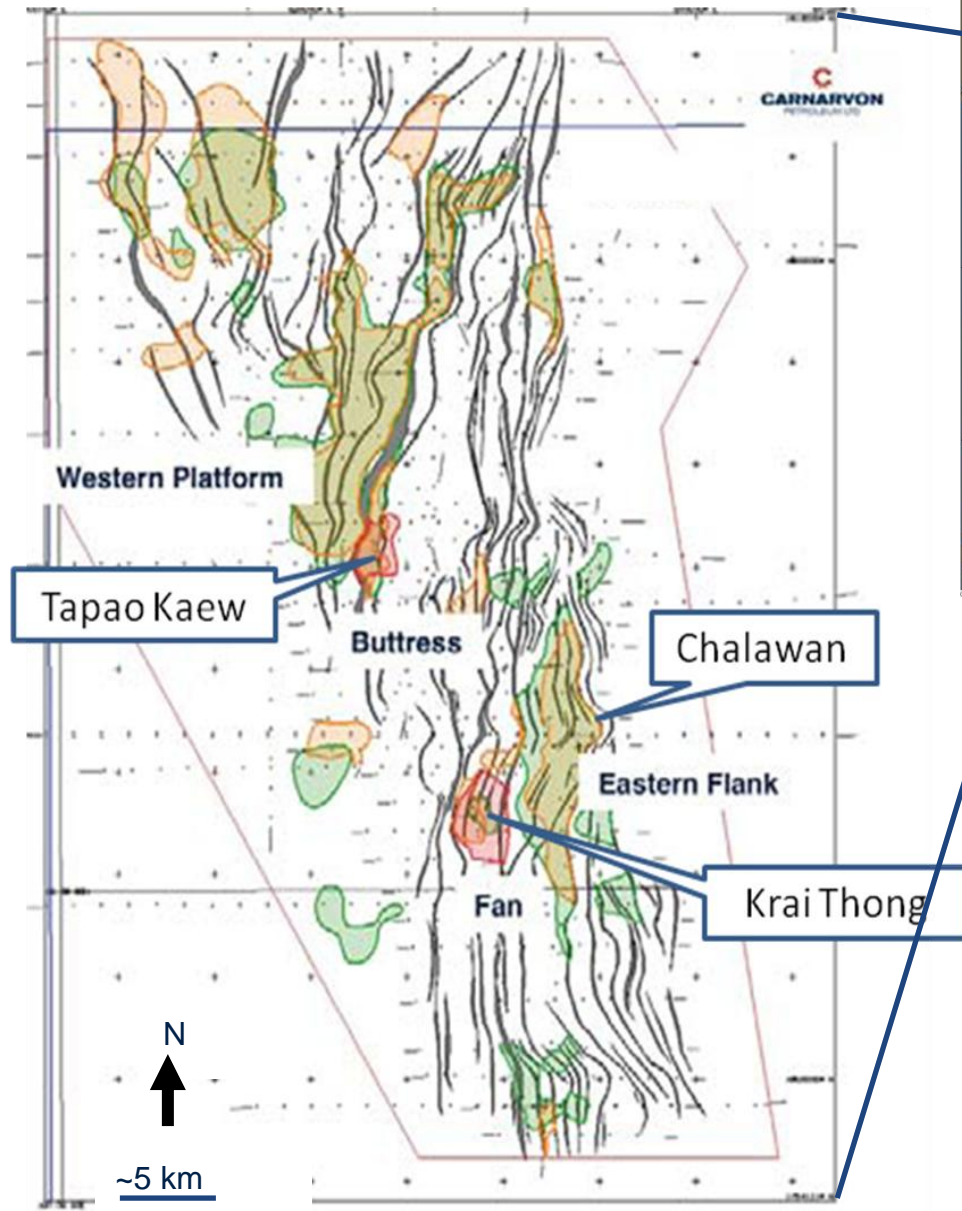
The second well at Krai Thong will evaluate interpreted four way dip closures with potential stacked and mounded alluvial fan deltas further to the south of the basin. The planned total depth of the well is 1450 metres.

If these two wells provide sufficient encouragement, a third well may be drilled at Chalawan. This structure comprises a series of tilted fault closures on the eastern edge of the basin. This is planned to be a shallow well to a depth of 950 metres.

L20/50 Concession Permit Holders

Carnarvon Petroleum Ltd (Operator)
Sun Oil NL

50%
50%



Location of proposed three well programme