Investor Update 23 July 2014



Carnarvon Petroleum Limited ("Carnarvon") (ASX:CVN) is pleased to provide shareholders with the attached Investor update.

For this Investor update and further information on the Company please visit the CVN website at: www.carnarvon.com.au

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Yours faithfully

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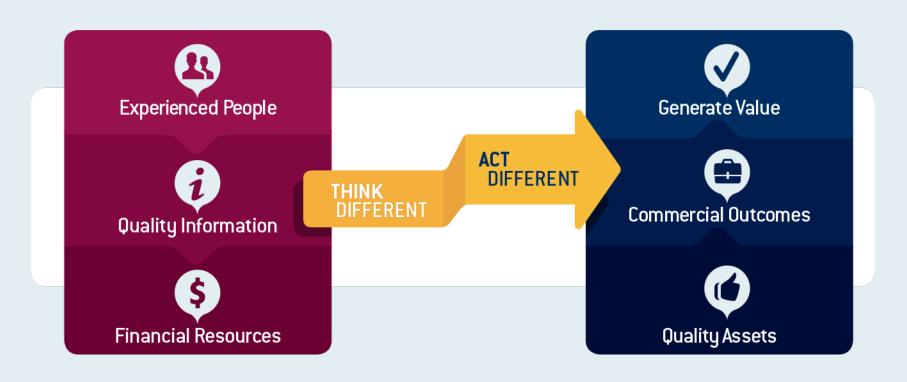
ASX: CVN

Investor update

July 2014

Create Something Remarkable





Experienced People







Financial Resources











AUSTRALIA







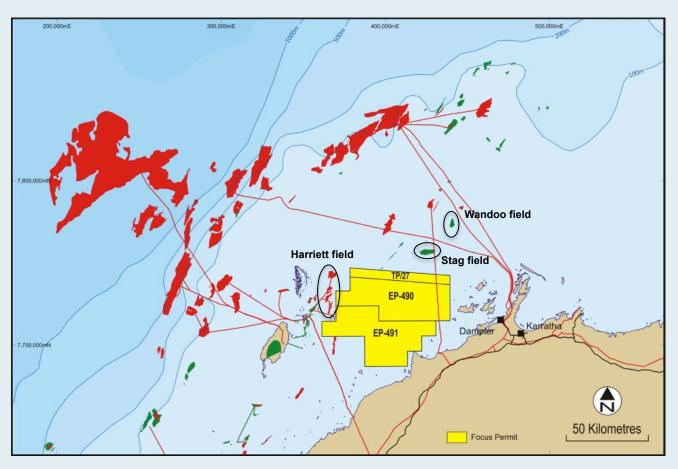
Award of New Exploration Permits ("Cerberus")

Carnarvon Basin, Western Australia

Cerberus: Three New Blocks Awarded May 2014







Existing oil fields or discoveries



Cerberus: Multiple Play Types





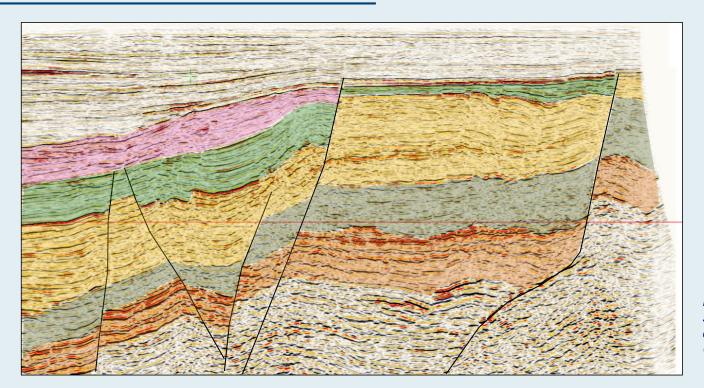


- Blocks substantially covered by quality 3D and 2D seismic data
- Multiple play types are being worked on with oil the predominant target
- Some plays have been rarely tested on the North West Shelf

Cerberus: Carnarvon's plans







Reprocessed 3D seismic line courtesy of Downunder Geosolutions

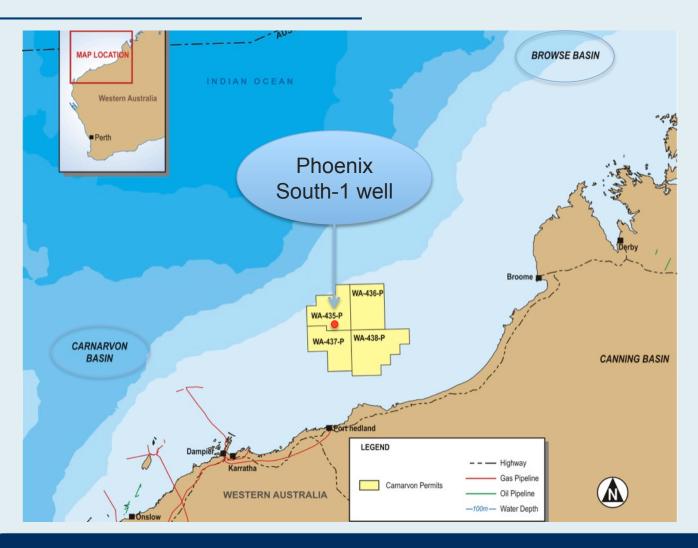
- Interpret newly reprocessed 3D seismic data: results by end Q3, 2014
- Independent drilling cost estimates received: \$15 to \$20 million on target depth
- Present opportunity to potential partners: start end Q4, 2014
- Drill: intention to accelerate timing subject to commercial terms and rig availability

Testing of Regional Gas Play ("Phoenix")

Bedout Sub-Basin, Western Australia

Phoenix: Regional gas test

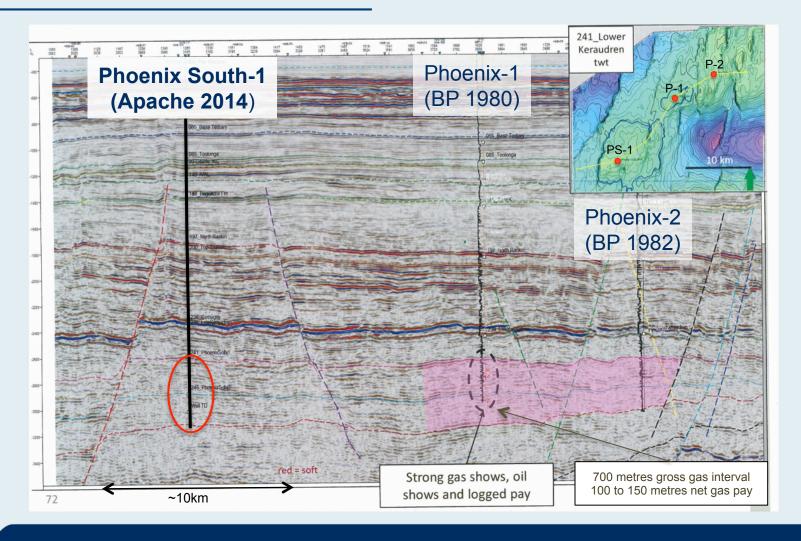




Phoenix South-1: currently drilling



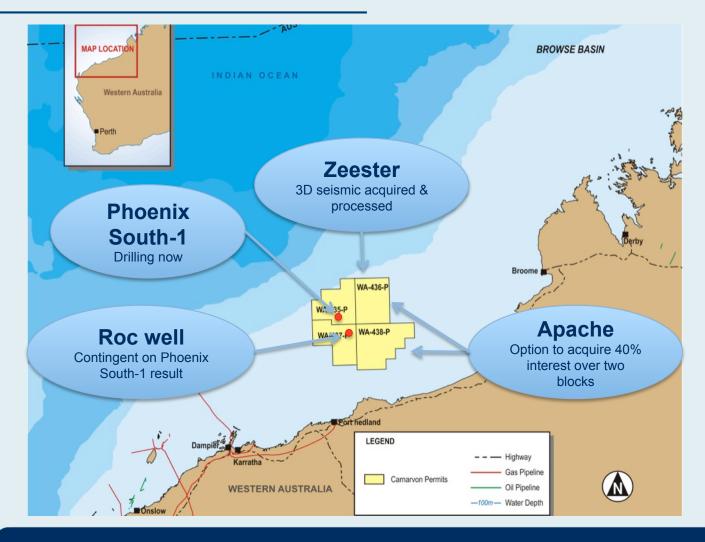




Phoenix: Beyond Phoenix South-1 well







Onshore Oil Production

Phetchabun Basin, Central Thailand

Thailand – Onshore Assets





- 20% interest in producing oil fields onshore Thailand
- 8 oil producing fields wherein production recently increased to ~4,000 bopd gross
- 100 km² under production license with significant reserves
- Low-cost onshore operating environment
- 6 million barrels 2P oil reserves with ongoing development program funded by cash flow







Thinking Differently in Thailand













20% Retained

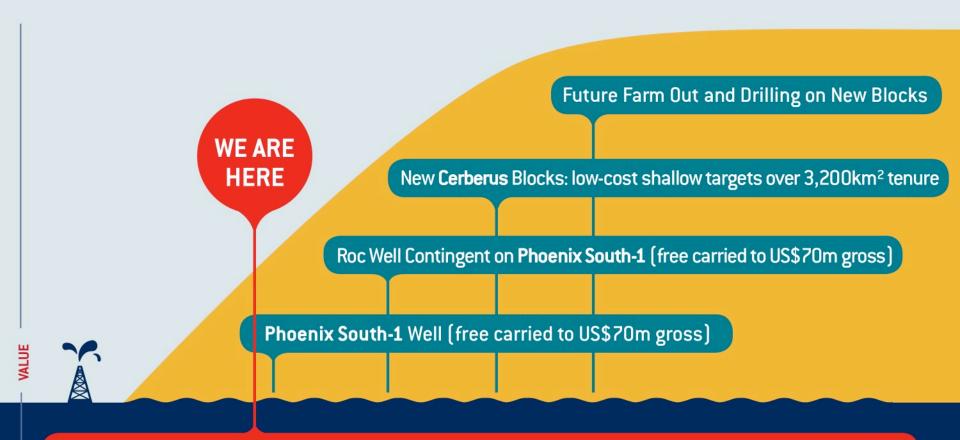


WORTH

A\$20m Exploration Drilling

Simplifying the Value Proposition





20% interest in Thailand production (look through consideration up to A\$72m)

A\$50 million cash + up to \$35m in future receivable

Disclaimer



The information in this document, that relates to oil exploration results and reserves, is based on information compiled by the Company's Chief Operating Officer, Mr Philip Huizenga, who is a full-time employee of the Company. Mr Huizenga consents to the inclusion of the reserves and resource statements in the form and context in which they appear.

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Think different Act different

Addendum

Addendum 1: Key Achievements





- Two North West Shelf exploration wells (Phoenix South-1 and Roc) farmed out to Apache and JX Nippon;
- Recovered all costs and retained a 20% free-carried interest through Phoenix-South-1 and Roc wells;
- Prudently covered for success case outcomes in the present drilling program at Phoenix South-1 well through increased cost caps;
- Secured new exploration acreage on the North West Shelf to replicate Phoenix model;
- Materially increased oil production in Thailand in the recent drilling program;
- Divested half of our Thai oil production asset for US\$33m in cash plus an undiscounted receivable of up to US\$32m
- Strengthened our financial position in preparation for success in the North West Shelf (Phoenix South-1 well); and
- Retained upside exposure in the Thailand with a retained 20% interest.

Addendum 2: Corporate snapshot







Closing share price and volume over 12 months for ASX:CVN

•	Issued shares	987m

- Share price (ASX:CVN) 8.5c
- Listed options (ex 10c) 49m
- Option price (ASX:CVNO) 3.6c

 Market Cap 	A\$84m
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- Cash A\$50m
- Debt nil
- Enterprise value A\$34m
- Receivable¹ A\$35m