

## Summary

### Namibia - Offshore

#### PEL 87

- The primary focus has been to seek a farminee to further advance exploration in the Block.
- PEL 87 contains a number of strong turbidite "Leads" deposited on the mid-Aptian surface, the largest which has been mapped to date is the "Saturn Superfan". Saturn exhibits multiple turbidite lobes and channel systems and is believed to be an internally complex accumulation of turbidite fans, channels and other deposits.

#### PEL 37

- Pancontinental and its joint venture partners have satisfied all the work programme conditions which form part of the exploration licence for the period ending March 2020.
- The Cormorant-1 well drilled last year is currently in the post-well assessment stage.

### Queensland – Onshore

#### ATP 920 & 924 – Cooper Basin

- Post quarter end, Pancontinental announced that it had signed a binding term sheet to farm in to two large exploration permits, ATP 920 and the Ace Area of 924 in the Cooper Basin, Queensland. The farm in acreage contains conventional trends which are prospective for both oil and gas with initial drilling (anticipated to be in Q4 2019) to be focussed on the oil prone acreage.

### Western Australia – Onshore

#### Walyering

- The partners to the Walyering farm in were unable to agree a path forward for the 3D acquisition required under the farm in agreement and as such it was decided that the agreement would be terminated.

### Corporate

- Cash balance of AUD \$2.0 million as at 30 June 2019.

**ASX Code** – PCL

**Issued shares** – 5,406 million

**Market Capitalisation** - @ 0.02cps - \$10.8 m

**Cash at End of Quarter** - \$2.0 million

# Projects

## Namibia Offshore PEL 87

Location:	Orange Basin	
Project Size:	10,947 square kilometres	
JV Partners:	Pancontinental (Operator)	75.00%
	Custos Investments (Pty) Ltd	15.00%
	NAMCOR*	10.00%
	*National Petroleum Corporation of Namibia	

Pancontinental is well placed with its exploration interests in Namibia. The Company's newer licence; PEL 87, is located in the Orange Basin with an impressive array of regional exploration activity planned in the short term. GALP and ExxonMobil as well as Total and Impact joint ventures have confirmed drilling in both the Walvis and Orange Basins, planned to commence in early 2020. Pancontinental is eagerly awaiting the results of both of these exploration programmes and assessing how the results will impact our exploration licences which are located in both the Walvis and Orange Basins.

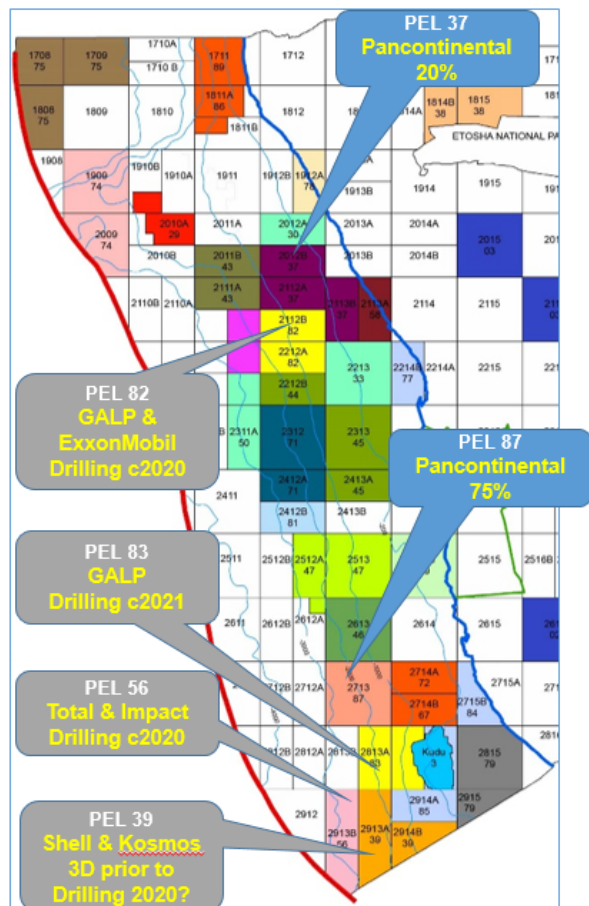
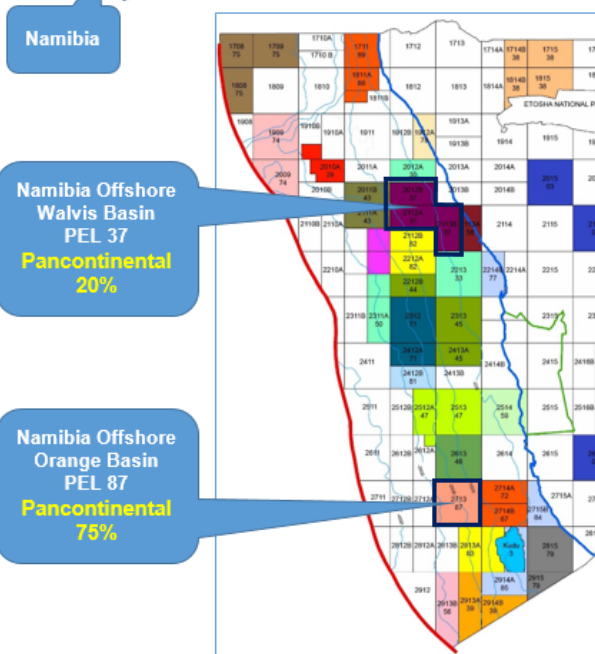
Pancontinental as Operator, and its joint venture partners are in the initial exploration period of the four year PEL 87 licence. The joint venture has purchased 2,800km of 2D seismic as well as relevant well data and processing reports. This information has been used to produce:

- Initial mapping and outline of Play Fairways
- Initial assessment of source rock maturity
- Assessment of Prospectivity
- Well summaries
- Seismic stratigraphy interpretation and mapping
- Volumetric assessment of Prospective resources



Namibia

**PANCONTINENTAL IS STRATEGICALLY PLACED IN TWO EXPLORATION HOTSPOTS OFFSHORE NAMIBIA**



Technical findings to date have found that PEL 87 contains a number of strong turbidite "Leads" deposited on the mid-Aptian surface. The largest lead mapped to date is the "Saturn Superfan" which is more than 2,000 sq km in area and up to 280m thick. Saturn is thought to be an internally complex accumulation of turbidite fans, channels and other deposits, with multiple turbidite lobes and channel systems.

An active petroleum system can be characterised by the presence of the following four elements; petroleum source rocks, reservoir rocks, seal and trap. PEL 87 exhibits features which would indicate that there is an active petroleum system within the licence area. High quality Kudu Shale oil source is inferred by seismic extension from nearby well Moosehead-1 and other regional wells. Full Oil Maturity is confidently modelled at the Saturn location and more widely. Good Reservoir quality in Saturn is inferred from depositional characteristics. Saturn is likely to be sealed by the very critical slightly overpressured shale. Bottom seal will be the Kudu Shale (also the main source rock), immediately below the Turbidite complex. No "Thief" channels can be seen on 2D seismic updip from Saturn providing confidence that the hydrocarbons are trapped in the area and have not migrated elsewhere.

In addition to Saturn in PEL 87, other turbidite and channel features have been sighted and these will be mapped in more detail going forward.

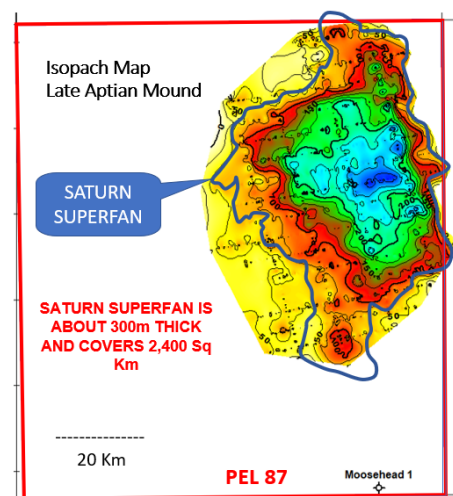
Pancontinental and its PEL 87 joint venture partners have completed a number of the licence conditions for the initial exploration period already. The joint venture will now continue to map the internal details of the Saturn Superfan and map leads in addition to Saturn. Maturity modelling studies will continue as well as studies of sediment provenance.

## Prospective Resources

Independently assessed potential for giant scale (over 500MMBbls\* recoverable) oil resources is indicated with a range of large sub leads of this play.

The "Saturn" Superfan is made up of a number of discrete internal geological Play types but could itself be a vast single oil trap on a global scale.

This is an exploration project that holds true world class potential.



## TABLE OF UNRISKED BEST ESTIMATE RECOVERABLE OIL VOLUMES

PLAY TYPE	GROSS BEST ESTIMATE PROSPECTIVE RESOURCES POTENTIAL*	LEAD
Aptian Depositional Wedge	<b>1.3 Billion Bbls</b>	Saturn Superfan**
Mounded Facies	<b>152</b> Million Bbls	A
Structural (4 way rollover)	<b>73</b> Million Bbls	C1
Structural / Stratigraphic	<b>345</b> Million Bbls	D
First Turbidite lobe/Sheet sand	<b>349</b> Million Bbls	G
Structural/Mound (4 way rollover)	<b>40</b> Million Bbls	H

The oil volumes shown are gross volumes.

\*A Giant field has at least 500 MMBOE recoverable potential

\*\* The overall Saturn Superfan incorporates all of the other Leads, but with different risk inputs

### \*Cautionary Statement

The potential recoverable oil resources, classified as Prospective Resources, have been estimated probabilistically on an unrisked, Best Estimate basis.

These were announced on 11 September, 2018.

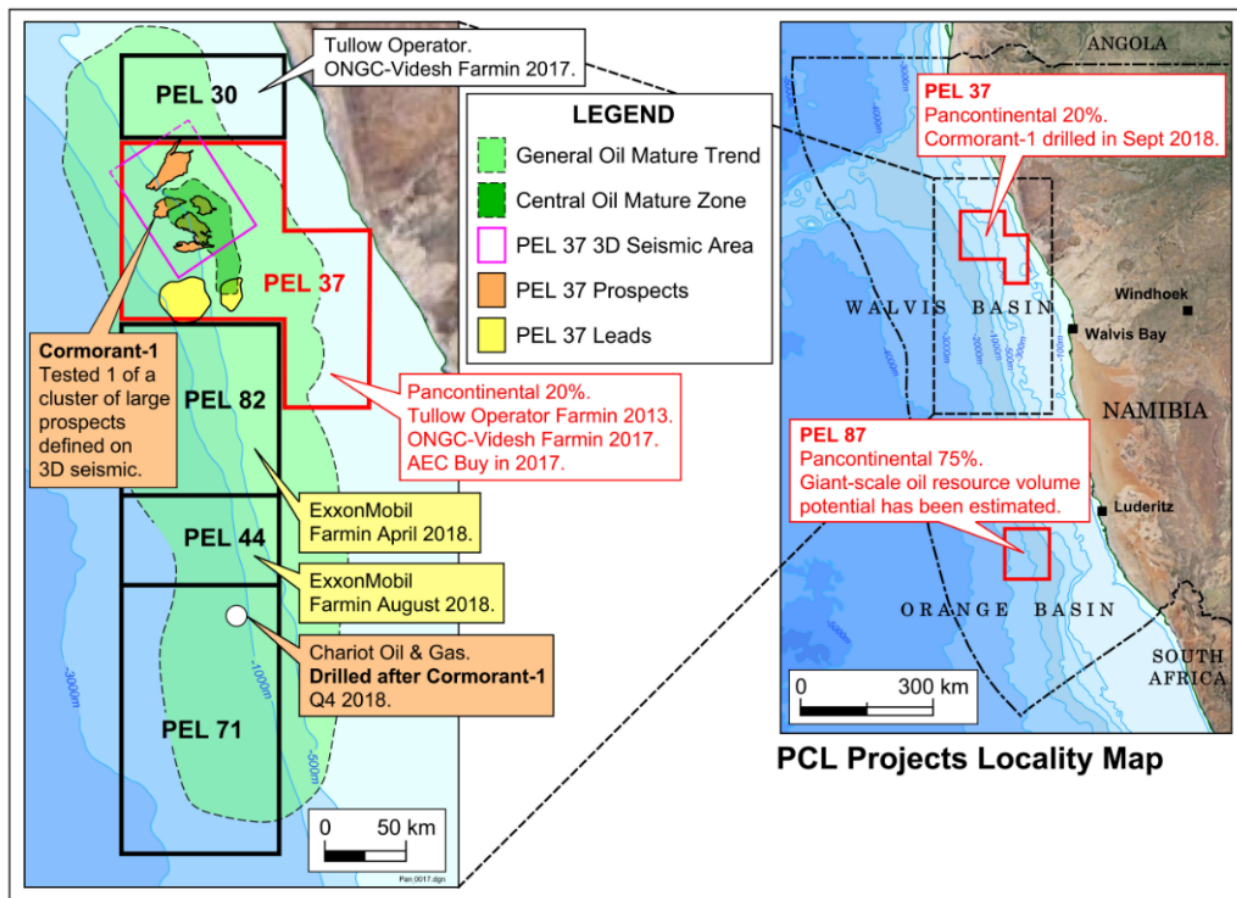
The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

The company confirms that it is not aware of any new information or data that, in its opinion, materially affects the information included in the relevant market announcement and that all the material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

## Namibia Offshore PEL 37

Location:	Walvis Basin		
Project Size:	17,295 square kilometres		
JV Partners:	Tullow Namibia Limited (Operator)	35.00%	
	Pancontinental Namibia Pty Ltd	30.00%	* Ownership of Pancontinental Namibia Pty Ltd:
	ONGC Videsh Limited	30.00%	Pancontinental Oil & Gas NL 66.67%
	Paragon Oil & Gas (Pty) Ltd	5.00%	Africa Energy Corp. 33.33%

Pancontinental's other Namibian project is the PEL 37 joint venture located in the Walvis Basin. The Company initiated the project in 2011 and has completed various exploration objectives including the drilling of the Cormorant-1 well last year, after farming out to the current Operator Tullow Namibia Limited (a subsidiary of Tullow Oil).



The Cormorant-1 exploration well was drilled in September 2018 and reached its planned Total Depth of 3,855m. Potential for hydrocarbon was evaluated when drilling hit the primary target, however unfortunately it was found to be dry and as such, the well was plugged and abandoned. Although the well did not produce the expected result, it has provided the joint venture with an accurate picture of geological conditions. In addition, with this well the joint venture has achieved all of the work commitments for the licence period ending March 2020.

Going forward, the joint venture will continue its post-well assessment including integration of new data into the joint venture's understanding of the basin and surrounding areas, re-risk current leads and monitor upcoming regional activity. PEL 37 contains a number of large prospects in addition to Cormorant and it is considered that some of these may be better positioned with respect to oil charge.

## Post Quarter End Farmin to Large Cooper Basin Oil and Gas Trend

Post quarter end, Pancontinental executed a binding term sheet to farmin to two large exploration permits, ATP 920 and 924 in the Cooper Basin, Queensland with a total area covering 4,557 km<sup>2</sup>. The farmin acreage contains conventional trends which are prospective for both oil and gas with initial drilling to be focussed on the oil prone acreage. Operator of the ATPs is Key Petroleum Cooper Basin Pty Ltd, a wholly owned subsidiary of ASX listed Key Petroleum Limited that Pancontinental consider to be an aligned and excellent Operator.

Pancontinental has agreed to farmin to ATP 920 and the Ace Area component of ATP 924 and will acquire:

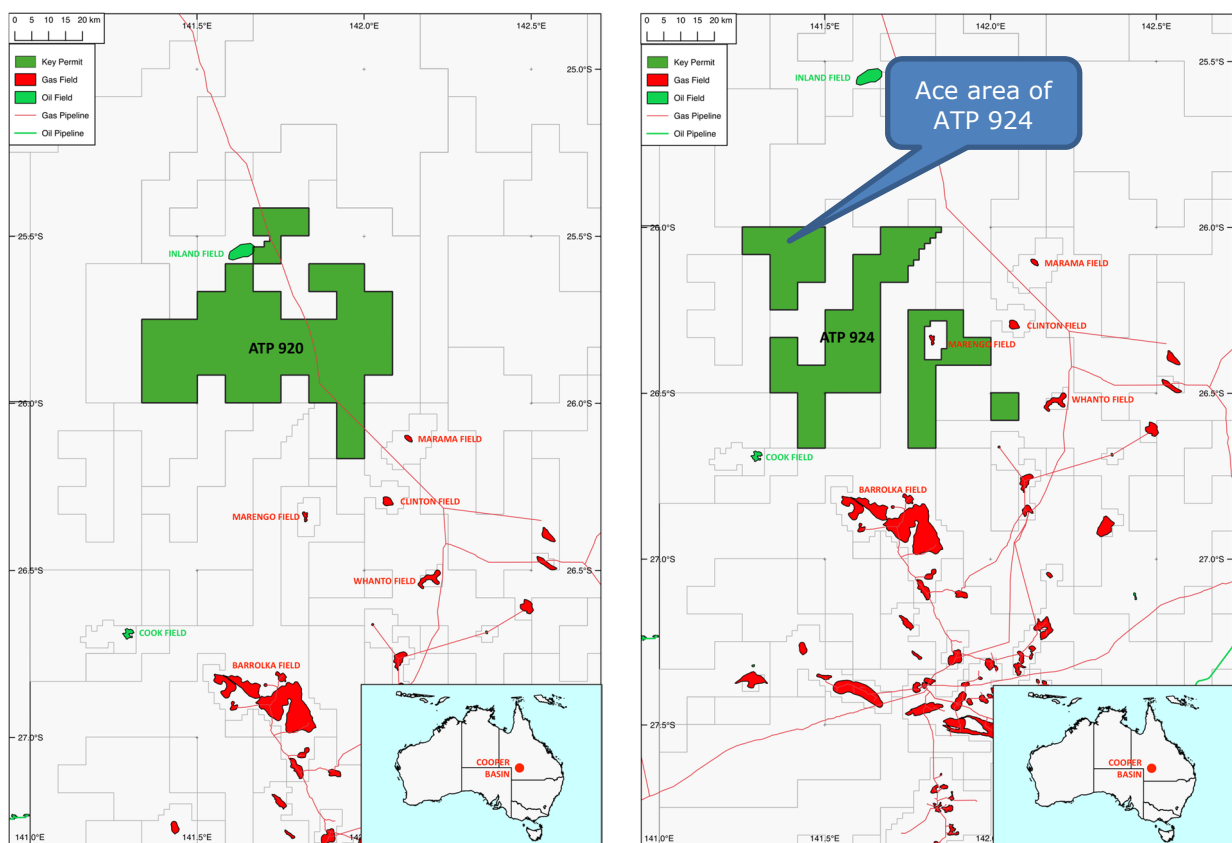
- an undivided 20% participating interest in ATP 920 (together with an option to acquire an additional undivided 15% participating interest in ATP 920); and
- an undivided 25% participating interest in the Ace Area.

In return, Pancontinental will:

- pay \$150,000 within three working days of execution of the term sheet. \$100,000 is refundable in the event ATP 920 and 924 are not renewed;
- fund 26.67% of the total costs and expenses of drilling an exploration well to target depth including plugging and abandoning the well to a gross cap of \$3,000,000.

If the Farmin obligations are satisfied, Pancontinental shall be deemed to have also acquired an option to acquire a further undivided 15% participating interest in ATP 920.

Pancontinental has been working on this deal for some time and it has provided access to at least three, extensive multi prospect oil and gas trends, with initial drilling activity planned for later this year.



## **Termination of the Walyering Farmin**

By acquisition of a new subsidiary in 2017, Pancontinental obtained the right to farmin to the Walyering Project within Exploration Permit 447, in the Perth Basin.

The farmin partners have not been able to agree a way forward to complete the 3D seismic survey required under the agreement, and as such it was decided to terminate the farmin agreement.

While the decision to exit Walyering is disappointing the Company feels that it is the right decision under the existing farmin terms relative to the market of the day.

## **New Ventures**

Pancontinental is selectivity looking at new projects which offer a clear timetable to drilling and the opportunity to add value for shareholders.

## **Licence Schedule**

<b>Licence Location</b>	<b>Licence Reference</b>	<b>PCL (consolidated) interest at the beginning of the quarter</b>	<b>Movements for the current quarter</b>	<b>PCL (consolidated) interest at the end of the quarter</b>
Namibia	PEL 87	75.00%	0.00%	75.00%
Namibia	PEL 37	20.00%	0.00%	20.00%
Kenya	L6 offshore	40.00%	0.00%	40.00%
Kenya	L6 onshore	16.00%	0.00%	16.00%
Australia	Walyering	*70.00%	(70.00%)	0.00%
Australia	ATP 920	0.00%	*20.00%	*20.00%
Australia	ATP 924 - Ace	0.00%	*25.00%	*25.00%

\*earning

## **DISCLAIMERS & NOTES**

### **Prospective Resource Estimates Cautionary Statement**

The estimated quantities of petroleum in this report that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

### **Prospective Resources**

Prospective Resource estimates in this report have been prepared as at the date disclosed under the prospective resource numbers. The estimates have been prepared in accordance with the definitions and guidelines set forth in the Petroleum Resource Management System 2007 approved by the Society of Petroleum Engineers and have been prepared using deterministic methods and probabilistic methods depending on the project and this is disclosed under the prospective resource numbers. Unless otherwise stated the estimates provided in this report are Best Estimates. The estimates are unrisks and have not been adjusted for an associated risk of discovery and risk of development. The 100% basis refers to the total resource while the Net to Pancontinental basis is adjusted for Pancontinental's percentage entitlement under Joint Venture contracts and adjusted for applicable royalties.

Prospective Resources estimates in this report have been made by Pancontinental Oil & Gas NL and may be subject to revision if amendments to mapping or other factors necessitate such revision.

### **Prospects and Leads**

The meanings of "Prospects" and "Leads" in this report are in accordance with the Petroleum Resource Management System 2007 approved by the Society of Petroleum Engineers. A Prospect is a project that is sufficiently well defined to represent a viable drilling target. A Lead is a project associated with a potential accumulation that is currently poorly defined and requires more data acquisition and / or evaluation to be classified as a Prospect.

### **Competent Person Statement Information**

The hydrocarbon resource estimates in this report have been compiled by Mr Brian Diamond. Mr Diamond holds a BSc Geology and an MSc in Geophysics and has over 20 years of experience in petroleum exploration, development and production. Mr Diamond consents to the inclusion in this report of information relating to the hydrocarbon Prospective Resources in the form and context in which it appears.

### **Forward Looking Statements**

This document may include forward looking statements. Forward looking statements include, are not necessarily limited to, statements concerning Pancontinental Oil & Gas NL's planned operation programme and other statements that are not historic facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward looking statements. Although Pancontinental believes its expectations reflected in these are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward looking statements.

[www.pancon.com.au](http://www.pancon.com.au)

**Head Office – Level 1, 10 Ord Street, West Perth, Western Australia 6005**

**Postal Address - PO Box 1154, West Perth, Western Australia 6872**

**Telephone +61 8 6363 7090**

**Facsimile +61 8 6363 7099**

**ACN 003 029 543**