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### **ASX & Media Release**

## **Heron South-1 Progress Report No. 6**

### **Key Points:**

- Drilled 311mm (12 ¼") hole from 3,740m to 3,828mMDRT
- Ran and cemented 244mm (9 5/8") casing to 3,818mMDRT
- Currently preparing to test the blow-out preventers (BOP) prior to drilling ahead
- No reportable incidents and well operations proceeding according to plan

MELBOURNE, AUSTRALIA (3rd October, 2012)

MEO Australia Limited (ASX: **MEO**; OTCQX: **MEOAY**) advises that at 0600 Darwin time on Tuesday 2<sup>nd</sup> October, Eni Australia Ltd (Eni) as operator of the NT/P68 exploration permit had drilled the 311mm (12 ¼") hole from 3,740m to 3,828mMDRT (metres Measured Depth below Rotary Table), run logs, installed and cemented 244mm (9 5/8") casing to 3,818mMDRT. There have been no reportable incidents.

The forward plan is to test the blow-out preventers prior to drilling ahead in 216mm (8 ½") hole to Total Depth (TD) at 4,265mMDRT or the gas water contact. At TD a full formation evaluation program will be run including formation pressures and fluid sampling. If warranted, a production test will be run to determine reservoir productivity.

### **Progress Summary**

#### **Progress since last report:**

- Drilled 311mm (12 ¼") hole from 3,740m to 3,828mMDRT
- Ran and cemented 244mm (9 5/8") casing to 3,818mMDRT

#### **Present Operation (at 06:00 Darwin time, 2<sup>nd</sup> October 2012):**

- Preparing to test the blow-out preventer prior to drilling ahead in 216mm (8 1/2 ") hole to TD

#### **Outlook:**

- Drill to 4,265mMDRT or the gas water contact, cut cores as required
- Evaluate well at TD with full wireline logging suite and production test well if warranted

The well was spudded on August 24<sup>th</sup> 2012 and will be drilled to at least 4,265mMDRT or the gas water contact. The key objectives of the well are to determine the productivity of the Elang-Plover reservoir and the gas composition. The drilling program is expected to take around 60 days.

An overview of the NT/P68 permit including location map and simplified Heron structural cross section are attached for reference.

**Jürgen Hendrich**  
Managing Director & Chief Executive Officer

# Timor Sea: NT/P68

MEO 50%, Eni Australia Ltd 50% & Operator

## Heron South-1 Drilling Underway

**Drilling underway to test 5Tcf mean prospective gas resource**

Eni farmed in to the NT/P68 Exploration permit in 2011 (refer ASX release dated 18<sup>th</sup> May 2011) and is earning an initial 50% interest in the Heron area by funding two wells on the Heron structure. The first of these wells - Heron South-1 - spudded on 24<sup>th</sup> of August 2012 using the ENSCO-109 jack-up drilling rig and is expected to take up to 60 days to complete. Eni has 60 days following the conclusion of Heron South-1 drilling to elect whether to fund a second Heron well to fully earn its 50% interest in the Heron area of the permit or withdraw from the Heron area in which case the participating interest reverts to MEO.

Heron South-1 will target the Heron South fault block to determine the extent of the gas column, the productivity of the Elang and Plover reservoirs and analyse the gas composition. MEO estimates the Greater Heron structure could contain mean prospective recoverable raw gas (ie inclusive of CO<sub>2</sub>) resources 5 of Tcf, potentially sufficient to underpin an LNG development.

## Blackwood Area

**Eni to elect to drill Blackwood well by 5<sup>th</sup> January 2013**

Eni also has an option to earn a 50% interest in the Blackwood area by acquiring a minimum 500 km<sup>2</sup> 3D seismic survey in the Blackwood area and drilling a well on the Blackwood structure.

Eni completed acquiring the 766 km<sup>2</sup> Bathurst 3D seismic survey over Blackwood East on the 5<sup>th</sup> of January 2012. Eni has 365 days from the completion of the survey to elect whether to drill Blackwood-2 to fully earn its 50% interest in the Blackwood area of the permit or withdraw in which case the participating interest reverts to MEO.

Eni is a major participant in the region and in November 2011 acquired a 40% interest in the adjacent Evans Shoal Field for US\$250m cash and a deferred consideration of US\$100m.

## Development Plans

**Potential carry of costs to FID plus \$75 million bonus payment**

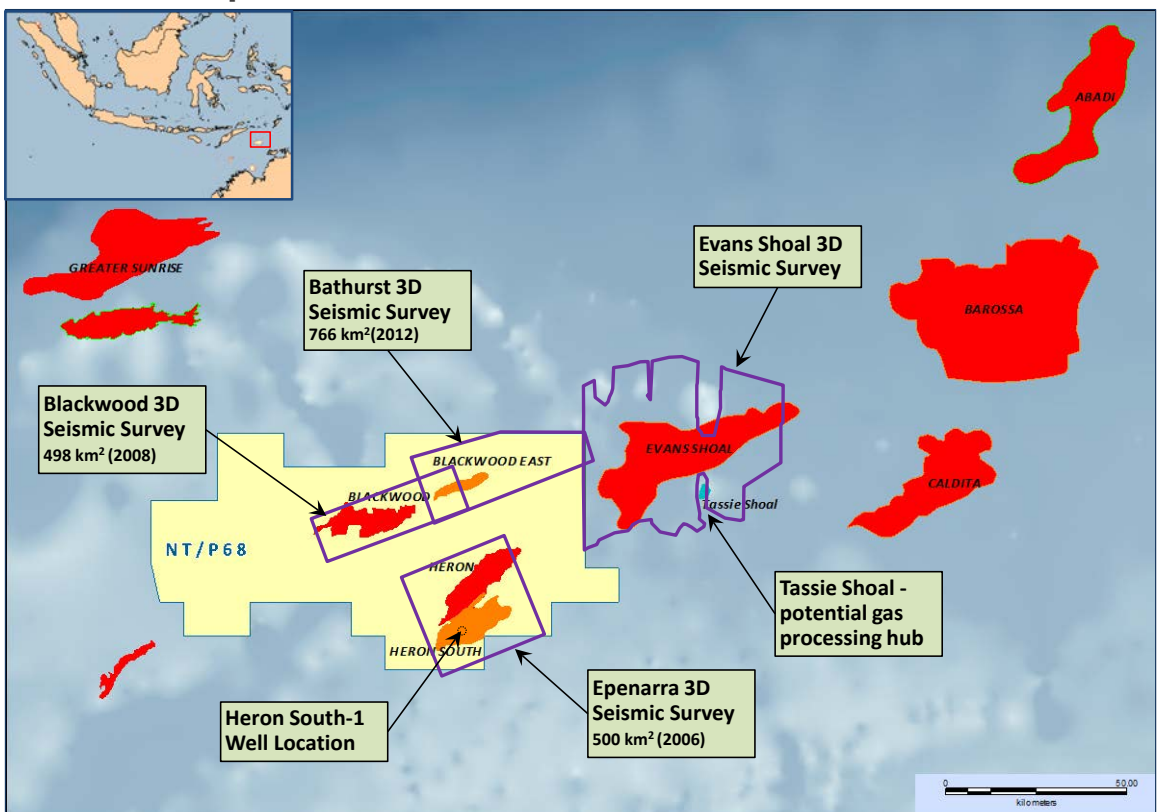
Under a provision of the Farmin agreement, Eni has a further option to acquire an additional 25% interest in both areas of the permit by funding MEO's share of the work programme (including additional appraisal wells) required to reach a Final Investment Decision (FID) for either a Heron and/or a Blackwood development. MEO will receive a one off bonus payment of US\$75 million for the first discovery to reach FID.

Following appraisal of the Heron and/or Blackwood gas discoveries the Joint Venture will evaluate all potential development options including consideration of incorporating a gas processing hub at Tassie Shoal, approximately 75 km from the Heron South-1 location.

## Location Map

**A cluster of undeveloped gas resources**

**Tassie Shoal a potential central gas processing hub location**



## Tassie Shoal Projects Overview

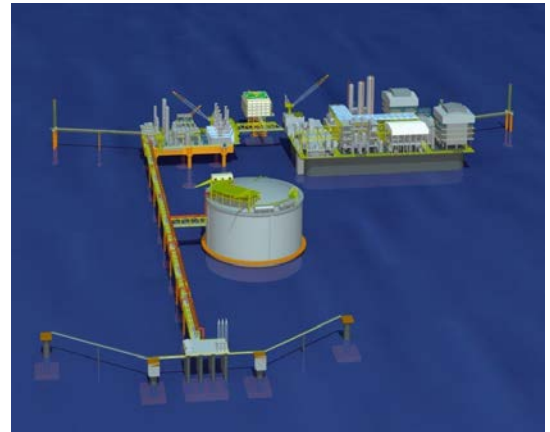
**Tassie Shoal projects provide development options**

**Environmental approvals are in place**

MEO has secured environmental approvals for a proposed 3.0 MTA LNG plant and two 1.75 MTA Methanol plants to be located at Tassie Shoal.

Pre-FEED development plans have been prepared and costed for the proposed developments. The LNG project has the potential to reduce LNG development costs by in excess of US\$2bn compared to FLNG or land based development while the methanol process utilises the CO<sub>2</sub> in the feed gas stream avoiding expensive geo-sequestration costs and difficulties in alternative development scenarios.

The projects have been granted Major Project Facilitation Status by the Federal Government Department of Infrastructure and Transport.



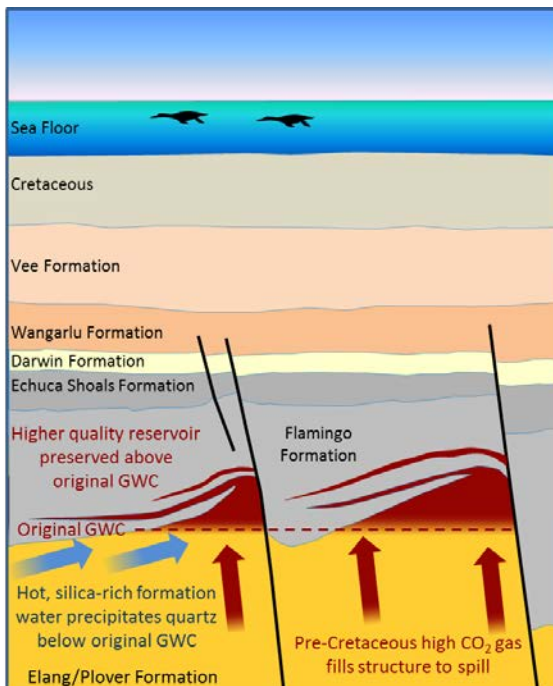
## Resource Description

**Heron-2 tested gas but did not reach the GWC**

Heron-2 was drilled by MEO into the Heron North structure in 2007/08. Although the well encountered and tested gas, operational difficulties caused drilling to cease prematurely without determining the gas water contact (GWC). It is believed that collapse of the well bore during flow test caused only an isolated upper stringer to contribute to the flow. Gas quality recovered during the DST was inconsistent with more liquids rich gas observed in the mud returns while drilling the lower section of the hole. The variation in gas quality is postulated by MEO as being due to the later generation of liquids rich, low CO<sub>2</sub> gas from the Flamingo formation in the adjacent Malita Graben as the area subsided and heated after the Cretaceous era.

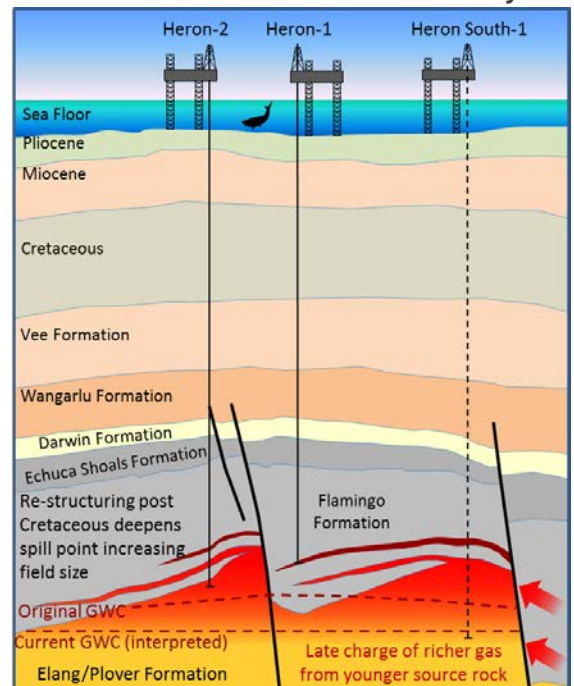
**Liquids rich signatures in Heron-2 mud gas explained by late charge**

Structural Cross Section - Late Cretaceous



Early fill of high CO<sub>2</sub> gas prevents circulation of formation water preserving reservoir quality above gas water contact (GWC).

Structural Cross Section - Present Day



Late charge from younger source rock mixes with early gas fill from re-structured field and lowers GWC to new spill point.

**Potential LNG scale resource**

## Greater Heron Structure (Prospective Resource)

MEO's assessment of the prospective resources in the Greater Heron structure remains unchanged from the assessment released on 14<sup>th</sup> October 2010 tabulated below. This assessment assumes the Greater Heron structure is filled to the structural spill point mapped by MEO (4,325mSS).

Raw Gas Ultimate Recovery (Tcf)	Low	Best Estimate	High
MEO Prospective Resource Assessment <sup>1</sup>	3.66	4.96	6.64

1. The MEO volumes reported in this table have NOT been reduced for non-hydrocarbon gas (CO<sub>2</sub>, N<sub>2</sub>) content. Assumed range is 13.6% to 28%. MEO has limited the non-hydrocarbon gas (CO<sub>2</sub>, N<sub>2</sub>) content to that observed in the primary reservoir at Evans Shoal-2.