



# 3D Oil Limited Annual General Meeting

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At Baker & McKenzie  
William Street  
Melbourne  
**25 November 2013**



# Important Disclaimer

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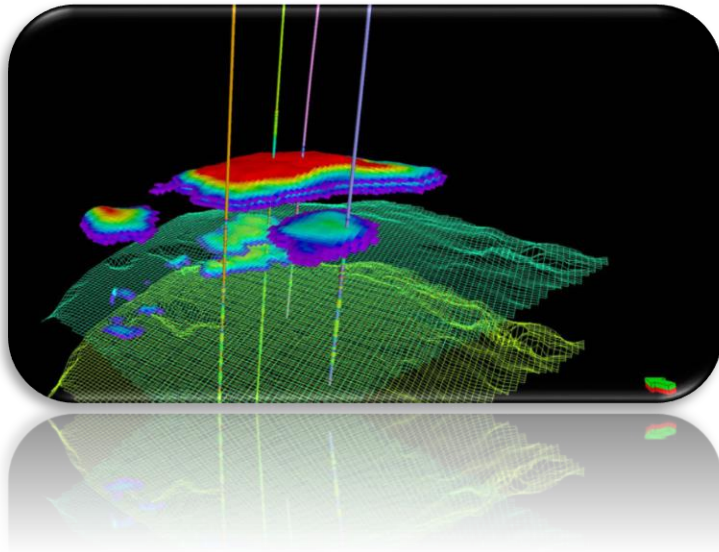
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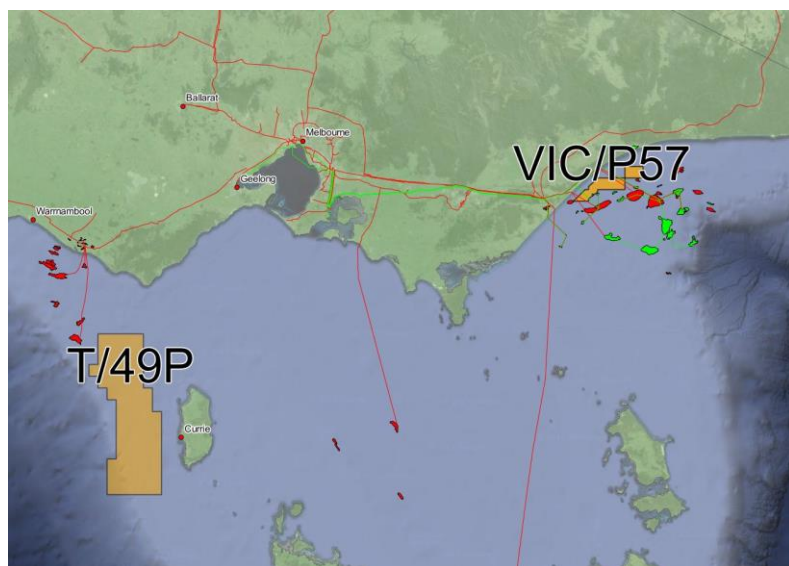
# 1. 3D Oil Overview

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# 3D Oil Snapshot



An oil and gas company with exciting development plans and strong growth potential poised to be **Australia's next oil producer**



Location: Southern Australia

## Key Assets

- Key asset is 49.9% of VIC/P57 offshore permit
  - Planned development: West Seahorse oil field (9.2mmbbl, 2C)
  - Leading prospects: Sea Lion and Felix
- New gas exploration permit T/49P

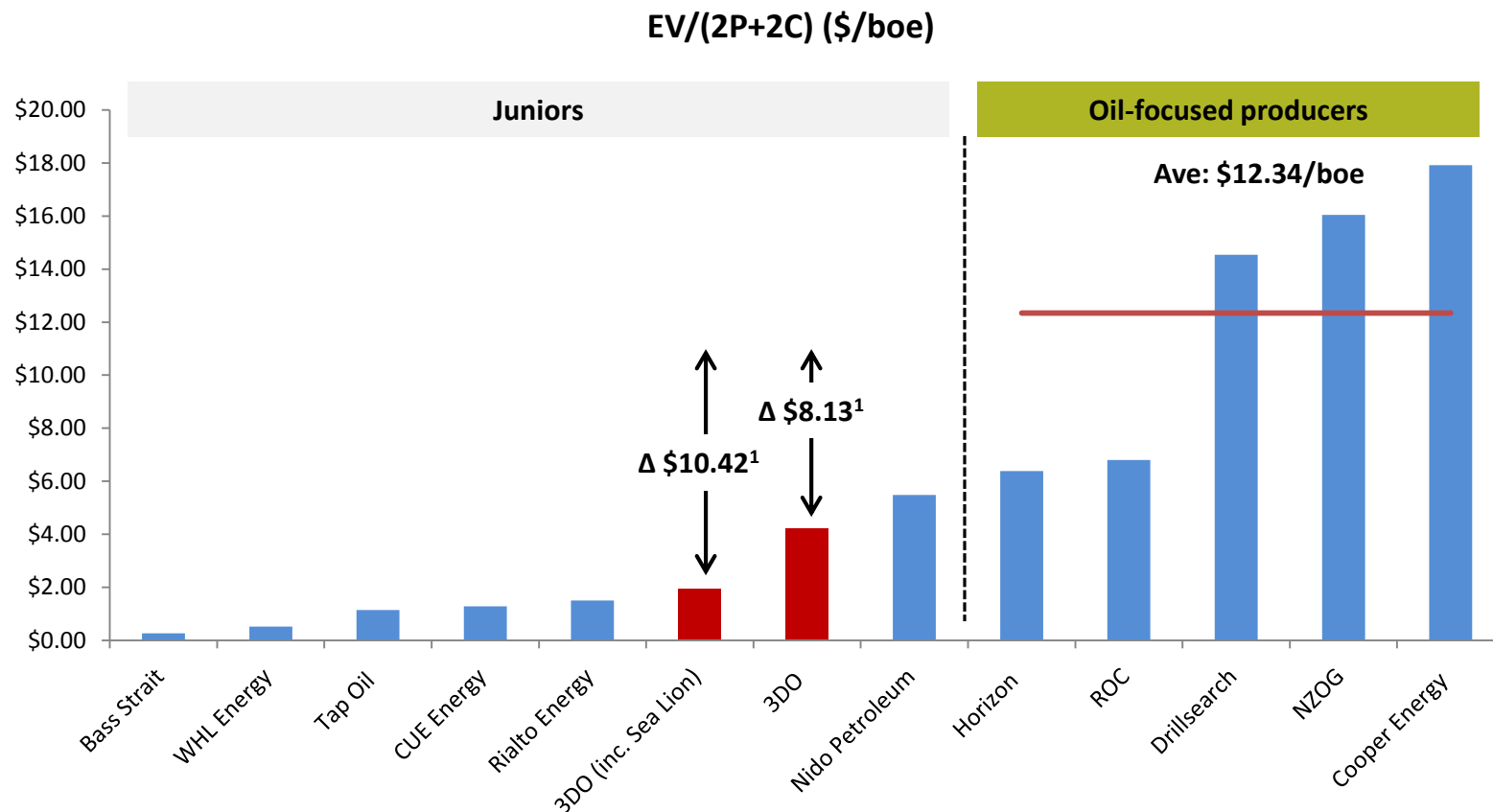
## Capitalisation (as at 22 November 2013)

|                  | AUD     | USD     |
|------------------|---------|---------|
| Share Price      | 0.09    | 0.085   |
| Shares           | 237.5m  | 237.5m  |
| Market Cap       | \$21.4m | \$20.1m |
| Net cash         | \$1.7   | \$1.6   |
| Enterprise Value | \$19.7m | \$18.5m |

# Relative valuation



3DO trades at a significant discount to other Australian and New Zealand oil-focused producers.



Source: S&P Capital IQ data as at 20 November 2013, Company information

1. 3DO's 2C Resource is net of its 49.9% interest. 3DO (inc. Sea Lion) includes the company's 49.9% share of an estimated 11mm bbl of prospective resources



## 2. West Seahorse Development

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# West Seahorse Field

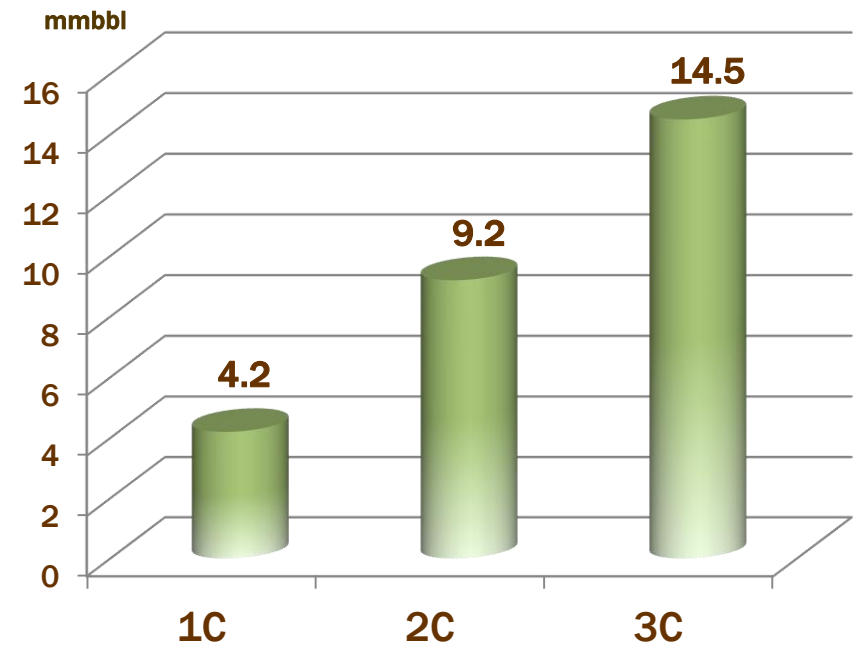


Estimated to contain 2C contingent resources of 9.2 mmbbl.

## Overview

- Located 14km offshore from the coast
- 35m of water
- 1,400m drilling depth
- Reserves contained within two high quality reservoirs
- Neighbouring and near identical Seahorse field has 20 year production history
- Significant Contingent Resource within Gurnard Formation
- Reserves announcement expected shortly with offer of Production Licence from NOPTA

## Contingent Resource



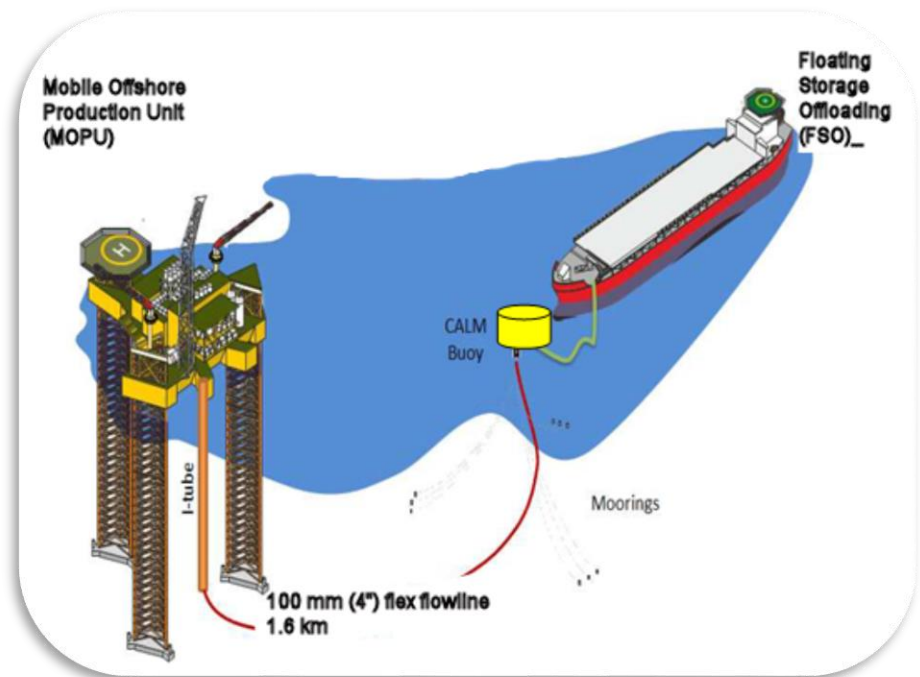
Source: Gaffney, Cline & Associates, Resource (2C) 2010. GCA are currently reviewing the volumes with the view of providing reserves in light of the likely granting of a Production Licence. 3D Oil's interest 49.9%.

# Development Plan is now locked in



Offshore production is planned using a MOPU, FSO and Calm Buoy.

- **Two production wells**
  - Drilled and completed by a Modular Drilling Rig
  - Wells be completed on the Mobile Offshore Production Unit (MOPU)
- **Production will be via a MOPU (Leased)**
  - Recently acquired Jack Up (Britannia) will be converted
- **Stabilised crude offloaded to a Floating Storage Offloading (FSO) vessel**
- **Export via 4-inch flexible flowline to a moored (CALM) buoy and flexible hose to a Floating Storage Offloading (FSO) vessel**
- **Hibiscus (50.1%) to be the Operator**



# West Seahorse Development has a rig



## West Seahorse JV purchases jack-up

- The Britannia is a large 4 leg jack-up rig that will be converted to a MOPU
  - Suited to the harsh operating conditions of the Bass Strait
  - Previously working long term for Shell in the North Sea
  - Purchased from the Hibiscus' farm in funds
- Britannia to be converted to a MOPU
  - Planned resale to a MOPU contractor near FID
  - Contractor to provide top side processing facilities
  - Intend to contract a modularised platform drilling rig to drill development wells and potentially an exploration well
- Advantages of Britannia purchase
  - Accelerates first oil to potentially last quarter 2014
  - Secures suitable rig for project at relatively low purchase price
  - Accelerates the Safety Case approval process
  - Reduces Capital Cost of the project
  - Controls drilling timetable

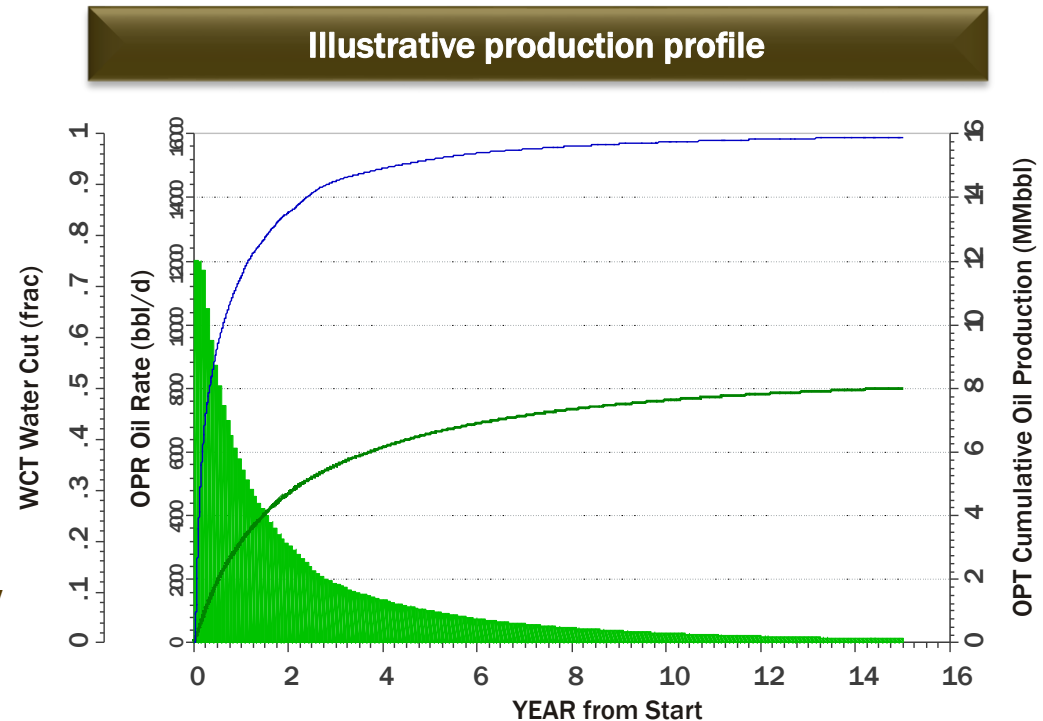


# West Seahorse – Indicative Economics



West Seahorse has high early production with <1 year payback.

- Production metrics
  - 2 well production at 12,000 bopd
  - Economic field life is expected to be 4 to 6 years
  - Total crude production 6.5 to 7.5 million barrels
- Project capex estimated at up to US\$150 million
- Project NPV in the order of A\$100+ million
  - Equivalent to A\$20/bbl
  - Strong upside and field life extension with any nearby exploration success



**Important Note:** Indicative illustrative economic only.  
The ultimate oil recovery dependent on economic cutoff  
based on oil price and operating cost factors.

# 3D Oil remains on target for drilling within 12 months



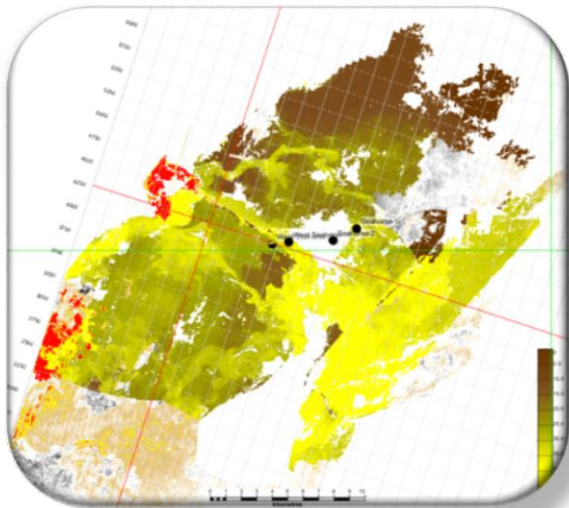
Key next steps are FID and financing prior to commencing drilling in late 2014.

## Significant progress has been made in 2013

| 2012                                                                                                                         | 1H 2013                                                                                                                                                                                                |                                                                                                                                                                                                          | Current                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Hibiscus farmin (December)</li><li>NOPTA declare location over West Seahorse</li></ul> | <ul style="list-style-type: none"><li>Preliminary Field Development Plan submitted to NOPTA</li><li>Farmin completed and funds transferred</li><li>WorleyParsons selected as FEED contractor</li></ul> | <ul style="list-style-type: none"><li>Production Licence and Field Development Plan submitted to NOPTA</li><li>Development Concept finalised</li><li>Geotechnical Environmental Plan Submitted</li></ul> | <ul style="list-style-type: none"><li>Britannia Rig purchase</li><li>Submit EPBC Referral</li><li>Project approved under EPBC</li><li>Offered Production Licence</li><li>FDP approved by NOPTA</li></ul> |

## Key next steps

| 2H 2013                                                                   | 1H 2014                                                                                                   | 2H 2014                                                                             | Early 2015                                                |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <ul style="list-style-type: none"><li>Sign LOI for MOPU and FSO</li></ul> | <ul style="list-style-type: none"><li>FID</li><li>Secure financing</li><li>Geotechnical surveys</li></ul> | <ul style="list-style-type: none"><li>Drill and complete production wells</li></ul> | <ul style="list-style-type: none"><li>First Oil</li></ul> |



### 3. VIC/P57 Exploration

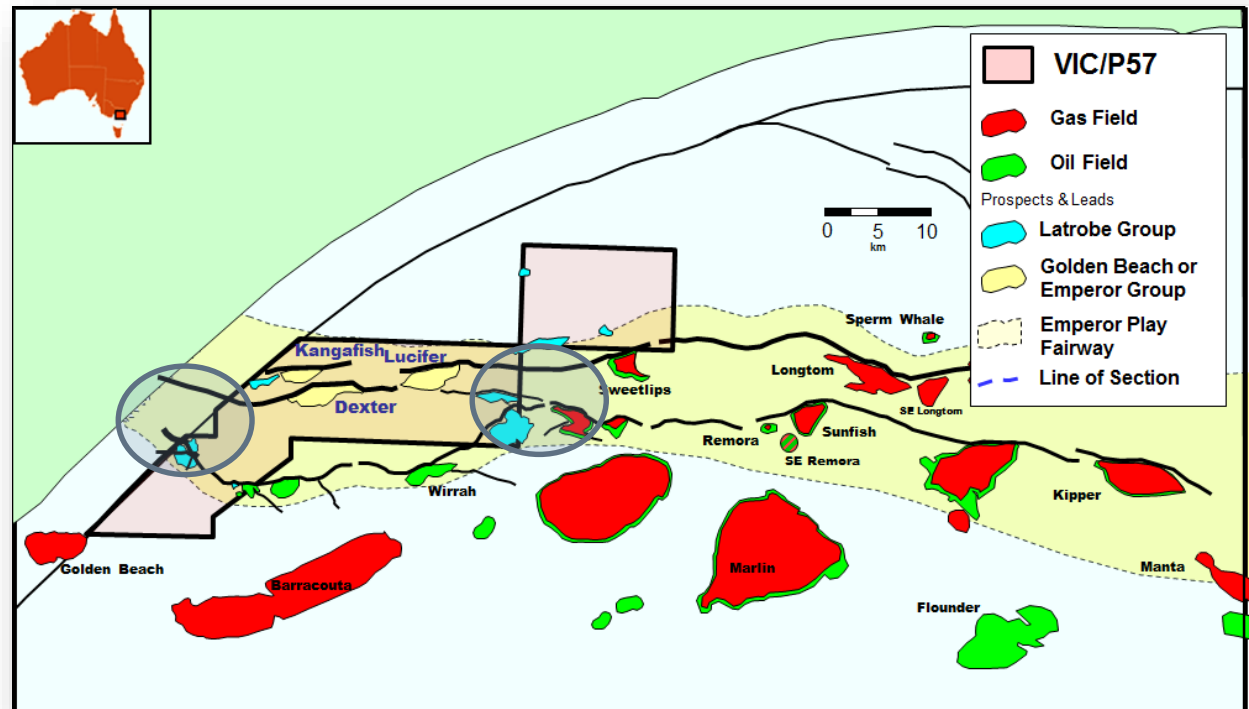
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# Exploration targets



VIC/P57 is located on trend of a prolific 'sweet spot' in the Gippsland Basin,  
- with an historical success rate in the region of better than 2 in 3.

- The permit was renewed in August 2011, and covers approximately 483km<sup>2</sup>
- 2 significant prospects identified along the 'oily' southern edge of the Rosedale Fault System
  - 1) Sea Lion
  - 2) Felix
- 9 prospects and leads identified in total along the northern edge of the Rosedale Fault System
- All prospects and leads defined by 3D seismic (reprocessed)



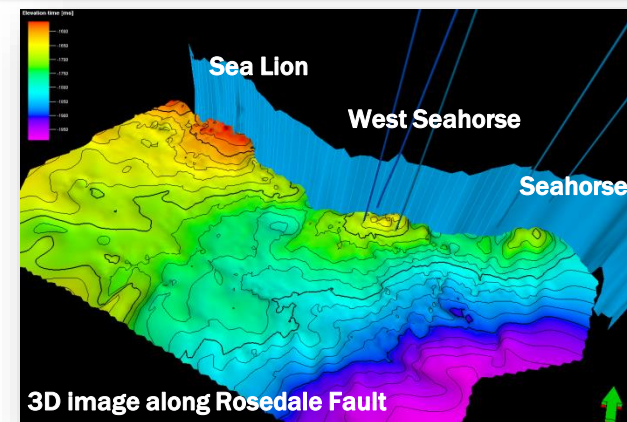
# Sea Lion Prospect



Sea Lion has a best estimate prospective resources of 11 mmbbl.

- **Sea Lion targets the Upper Latrobe group reservoirs, similar to the West Seahorse field**
  - An independent expert has reviewed the seismic interpretation and calculated volumetrics for the prospect based on 3D Oil mapping, and using West Seahorse as a analogue for the reservoir parameters.
- **Could be produced via a tie back to the West Seahorse development**
- **Sea Lion has significant upside potential, which may materially increase the economic value of the development.**
  - A deep gas prospect is also identified

**On trend with the oil discoveries in region**



**P50 of 11 million barrels**

| Probability | Recoverable oil (mmbbls) |
|-------------|--------------------------|
| P90         | 7.8                      |
| P50         | 11.0                     |
| P10         | 15.3                     |

## IMPORTANT NOTE:

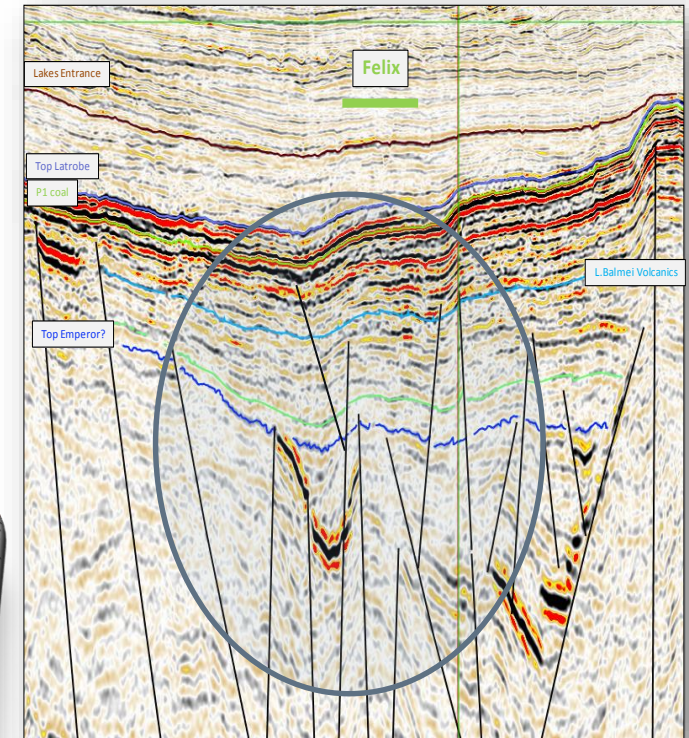
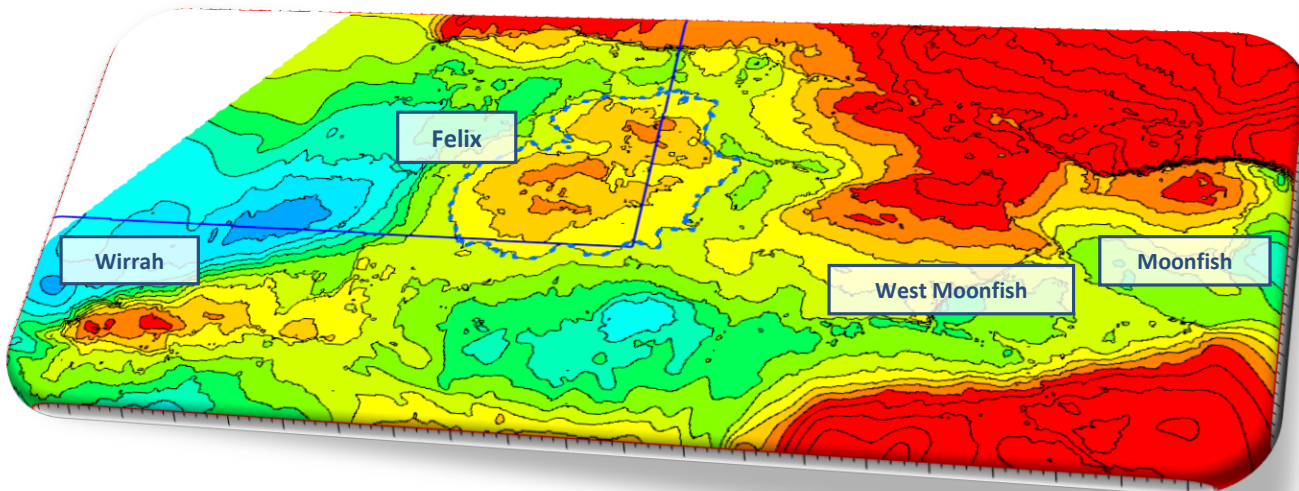
An independent expert has reviewed the seismic interpretation and calculated volumetrics for the prospect based on 3D Oil mapping, and using West Seahorse as a analogue for the reservoir parameters.

# Felix Prospect



Felix has the best oil address in Australia.

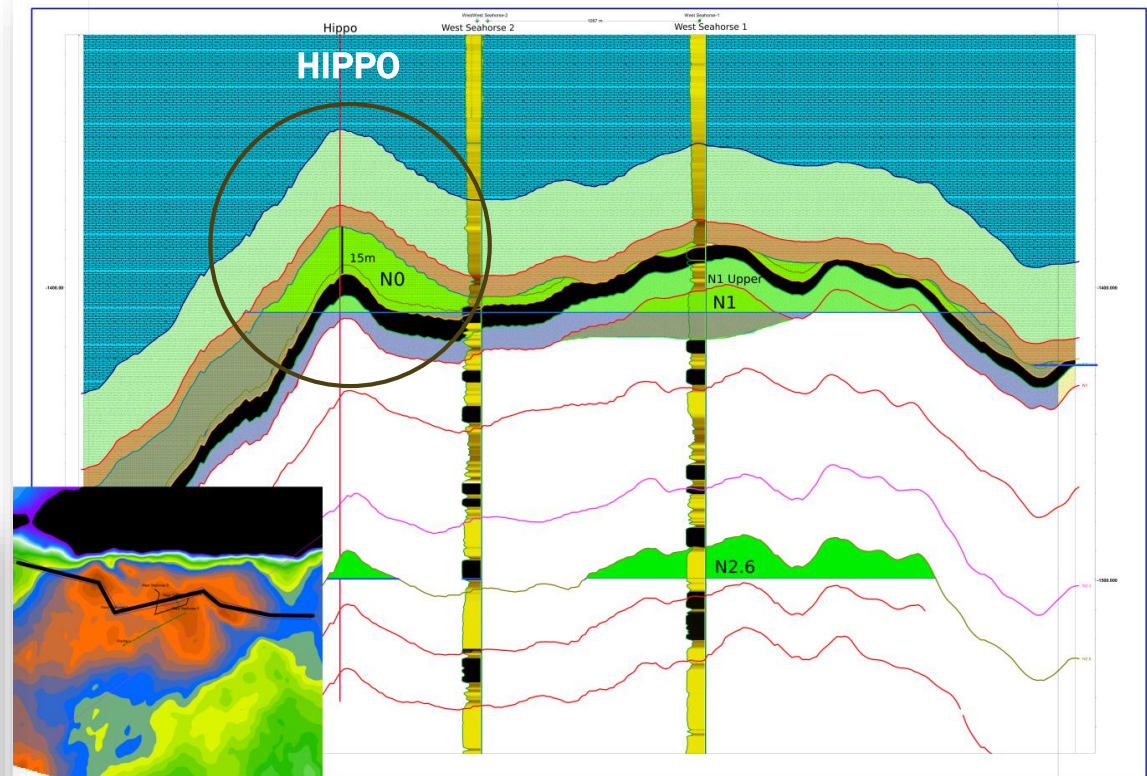
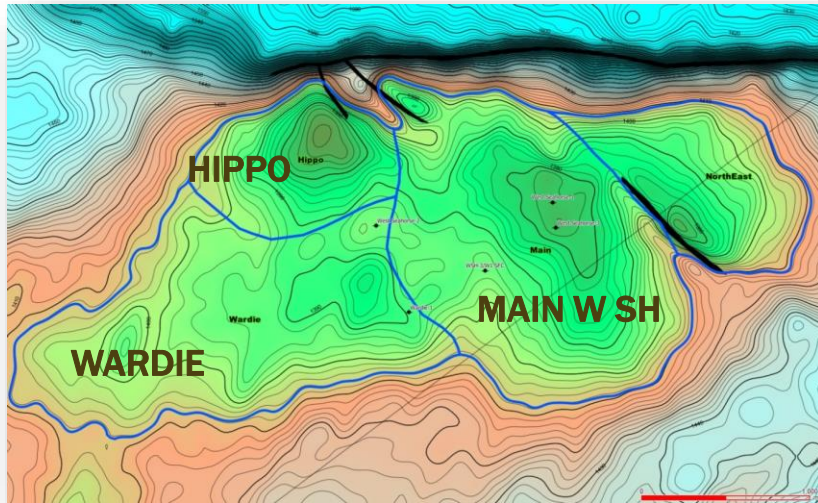
- Large inversion feature along the Rosedale Fault System with potential for large oil reserves
- Located between two oil fields (Wirrah and Moonfish) and appears larger at the sub-volcanic level which contains oil in both fields
- Contains potential deep gas prospect together with the shallow oil prospect

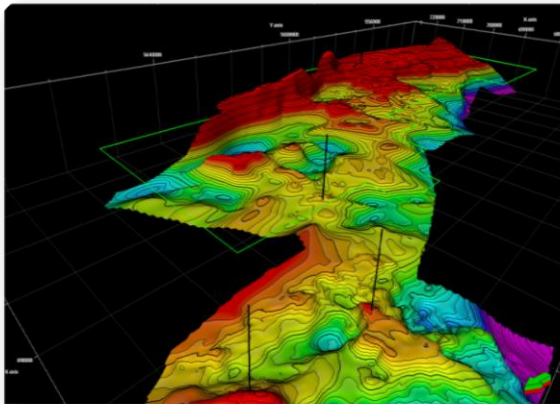


Seismic line through Felix from the new reprocessed data

# Near Field Exploration – Hippo

- Hippo is feature within the greater West Seahorse closure
- Potential for sand development in N-0 sand (mistakenly termed the Gurnard Formation) which was poorly developed in Wardie-1 but contained oil
- Within the Hippo and Wardie lobes there is potential of 5 MMbbl OIP within each





## 4. New Field Exploration (T/49P)

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# T/49P Overview



3D Oil is currently 100% equity holder in T/49P

- Interpreted to contain all the geological elements required for sizeable accumulations of hydrocarbons
  - Adjacent Thylacine (1.5 TCF GIP) and Geographe (0.5 TCF GIP)
  - T49/P contains numerous leads potentially containing multi TCF
- **Guaranteed Work Program**
  - Year 1 Reprocess 500km 2D seismic
  - Year 2 Acquire and process 755 km<sup>2</sup> of 3D seismic data
  - Year 3 Seismic interpretation
- 3D Oil intention is to farm down equity to an eastern states gas player

A potentially significant Australian gas province

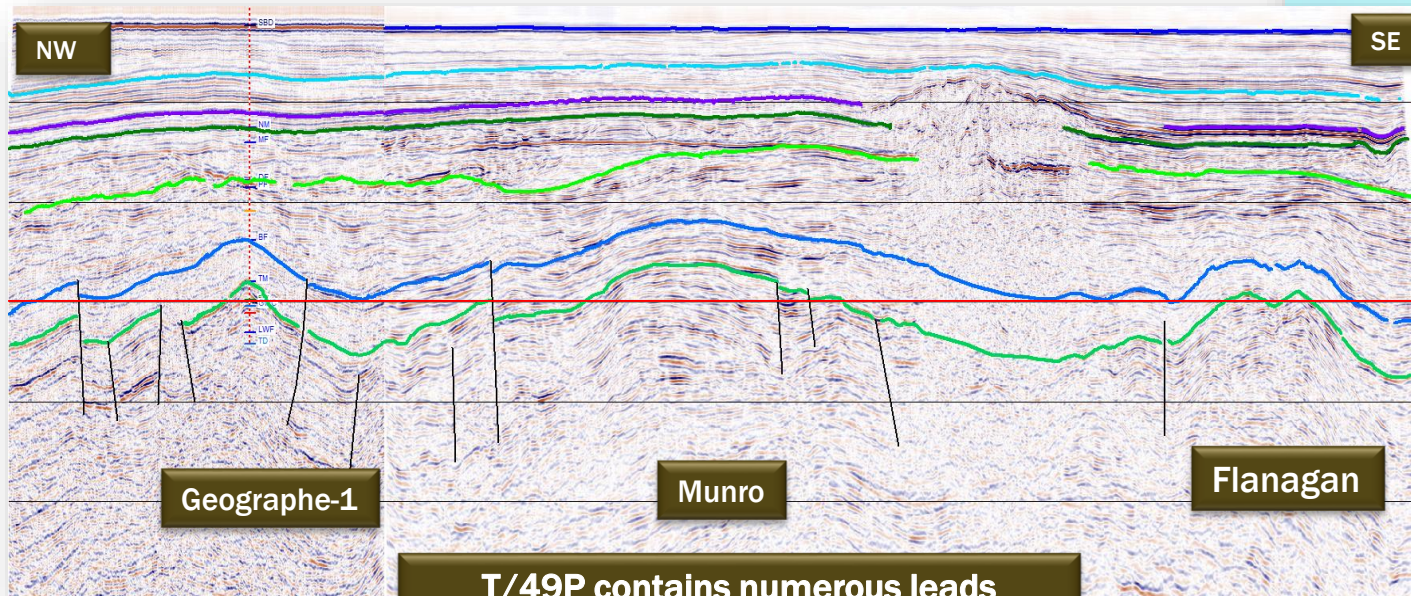


Large (4,960 km<sup>2</sup>) frontier permit  
Relatively shallow water (~100m)

# T/49P Prospectivity



- Permit has all the ingredients for an **rich and active petroleum system**
- Numerous **large leads** identified on regional 2D seismic of similar size to Thylacine
- Sequence stratigraphic analysis indicates most of the leads have good **quality overlying seal**
- All leads have access to significant charge from anomalously thick **Tertiary wedge**



**T/49P contains numerous leads potentially containing multi TCF**





## 5. Conclusion

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# 3D Oil's time has arrived



After 10 years of preparation, first oil is anticipated within **18 months** (early 2015).

|                                                          |                                                                                                                                                   |  |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>First oil is on the horizon</b>                       | <ul style="list-style-type: none"><li>• Final Investment Decision for West Seahorse development is targeted within 4 months</li></ul>             |  |
| <b>High quality partner</b>                              | <ul style="list-style-type: none"><li>• Hibiscus Petroleum, A\$200m+ Malaysian company, is our JV operating partner and 13% shareholder</li></ul> |  |
| <b>Drill rig secured</b>                                 | <ul style="list-style-type: none"><li>• JV has purchased \$15m rig to convert to MOPU</li></ul>                                                   |  |
| <b>Fast development pay back</b>                         | <ul style="list-style-type: none"><li>• Strong free cash flows anticipated within 6 months of development</li></ul>                               |  |
| <b>Exciting medium term potential in proven fairways</b> | <ul style="list-style-type: none"><li>• VIC/P57 contains low risk high impact oil features</li><li>• T/49P contains large gas features</li></ul>  |  |



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