# 3D Oil Limited

**Annual General** 

Meeting



**17 November 2014** 

At Baker & McKenzie William Street Melbourne



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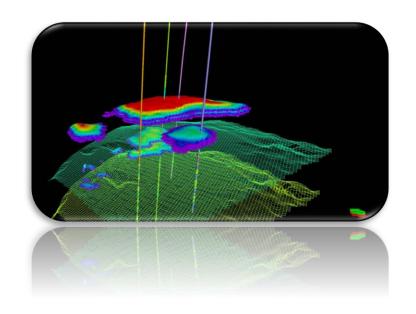
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# 1. 3D Oil Overview

3D Oil has monetised it's interest in the West Seahorse Oil Field while retaining the oil exploration upside and adding a significant new gas focus

# 2014 Highlights



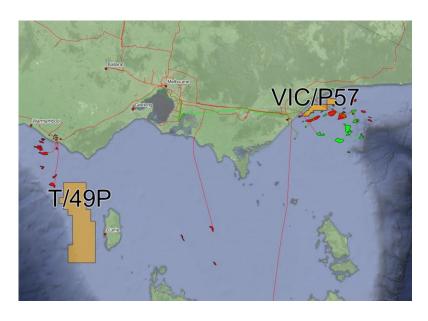
- > TDO completes Hibiscus Transaction to secure the company's financial future
- ➤ The West Seahorse Field monetised in a difficult financial climate
- ➤ West Telesto jack up rig contracted to drill Sea Lion early in 2015
- ➤ The Hibiscus Transaction also secures TDO's first US\$7.5 m toward the drilling of Sea Lion
- ➤ TDO secures a strong partner, Beach Energy, to jointly explore T/49P
- > 20% of T/49P sold to Beach for \$3 million
- > TDO commences the 974 sq km Flanagan 3D seismic survey



# **3D Oil Snapshot**



An oil and gas company focussed on eastern Australia with an exciting program on the horizon



**Location: Southern Australia** 

#### **Key Assets**

- 44.9%\* of VIC/P57 offshore Victorian permit
  - Sea Lion Prospect to be drilled in 2<sup>nd</sup> quarter 2015
- 80% of T/49P offshore Tasmanian permit
  - Contains large swag of sizeable leads

#### Capitalisation (as at 11 November 2014)

|                  | AUD     | USD     |
|------------------|---------|---------|
| Share Price      | 0.09    | 0.08    |
| Shares           | 237.5m  | 237.5m  |
| Market Cap       | \$21.4m | \$18.6m |
| Net cash         | \$17.5m | \$15.2m |
| Enterprise Value | \$3.9m  | \$3.4m  |





# 2. Exploration T/49P

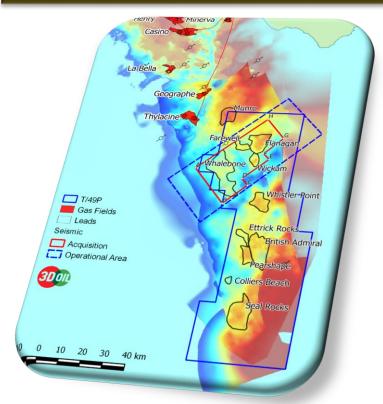
# T/49P Overview



# 3D Oil is currently 80% equity holder in T/49P with its partner Beach Energy

- ➤ 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)
  - Contains at least 10 large leads with a combined prospective gas in place for these leads is in the order of 20 TCF
- ➤ Guaranteed Work Program
  - Year 1 Reprocess 500km 2D seismic (Completed)
  - Year 2 Acquire and process Flanagan 3D seismic survey
  - Year 3 Seismic interpretation
- ➤ 3D Oil will leverage the results of the Flanagan survey to attract the best possible farmin terms for future exploration

#### A potentially significant Australian gas province

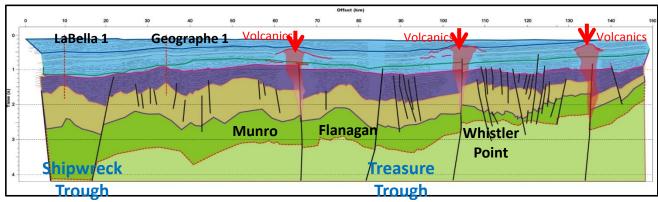


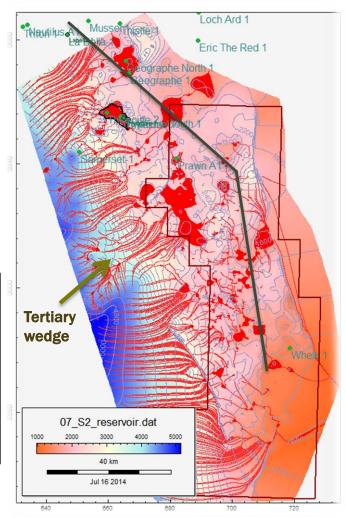
Large (4,960 km<sup>2</sup>) frontier permit Relatively shallow water (~100m)

# **T/49P Prospectivity**



- Permit has all the ingredients for a rich and active petroleum system
- All leads have access to significant charge from anomalously thick Tertiary wedge which is interpreted as the Thylacine source kitchen
- ➤ Both Flanagan and Whalebone are interpreted to be located in an analogous trough (Treasure Trough) to the neighbouring prolific Shipwreck Trough
- Sequence stratigraphic analysis indicates most of the leads have good quality overlying seal



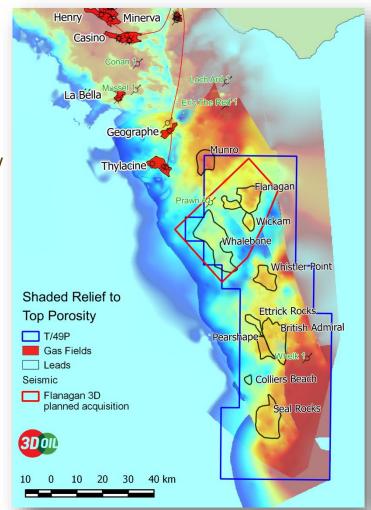


# **T/49P Operations**



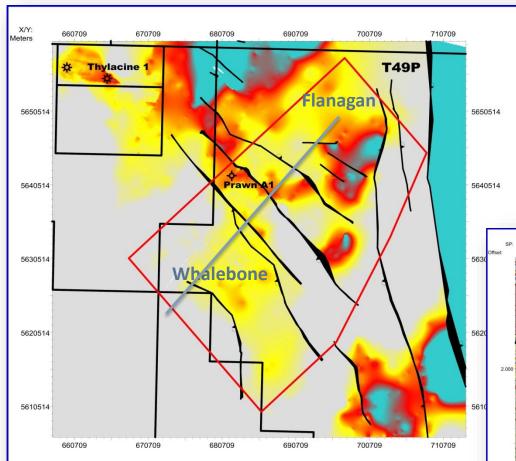
- Flanagan 3D survey acquisition has commenced and expected to be completed by mid December
- > The 974 sq km survey will target the large leads in the north of T/49P
- Final products of the survey will be available in mid 2015 following processing and interpretation
- The objective of the survey is to delineate a drilling target for secondary work programme



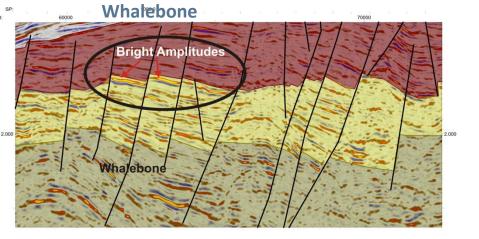


# Flanagan Survey Targets





- The Flanagan survey will target a number of leads including Whalebone and Flanagan
- These features are on trend with Thylacine and interpreted to be sourced from the same kitchen
- Both Whalebone and Flanagan have the potential to be larger than Thylacine gas field
- Whalebone exhibits bright amplitudes, often indicative of gas, on 2D seismic data



# T/49 Indicative Economics

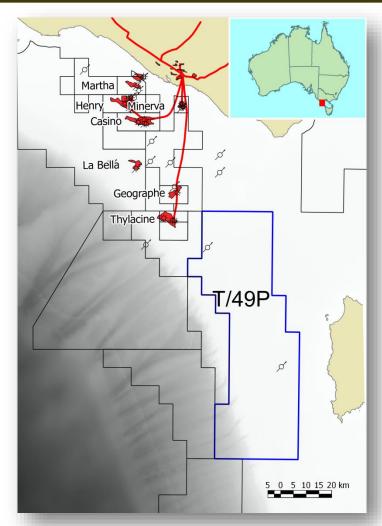


#### East coast gas markets rapidly changing

- Exposure to international pricing through LNG exports
- The unwinding of major low cost, long term gas contracts
- ➤ The commencement of LNG exports, and the netback prices received by producers from international oil-linked pricing, will influence domestic gas prices in the eastern market
- ➤ Market consensus indicates pricing of A\$7 to 9/GJ by 2015/16 with a likelihood of a short-term peak beyond this range

#### Indicative economics are strong

- Robust project for field sizes greater than 400 BCF @ \$6/GJ gas price
- At \$8/GJ gas price the analysis indicates NPVs of approximately A\$450 million and A\$1.3 billion for field sizes of 800 BCF and 1400 BCF respectively
- Economic analysis is for stand alone and not inclusive of condensate sales







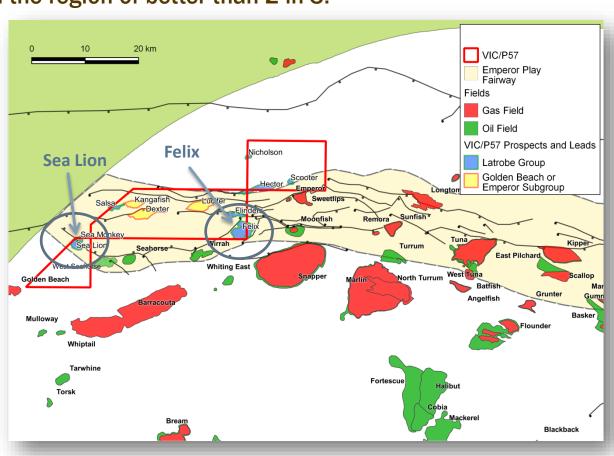
# 3. VIC/P57 Exploration

## **Exploration targets**



VIC/P57 is located on trend with a prolific 'sweet spot' in the Gippsland Basin,

- with an historical success rate in the region of better than 2 in 3.
- The permit covers approximately 449 km² along the prospective Northern Margin
- 2 significant prospects identified along the 'oily' southern edge of the Rosedale Fault System
  - 1) Sea Lion Drilling 2<sup>nd</sup> qtr 2015
  - 2) Felix
- 9 prospects and leads identified in total along the northern edge of the Rosedale Fault System
- All prospects and leads defined by state of the art reprocessed
   3D seismic



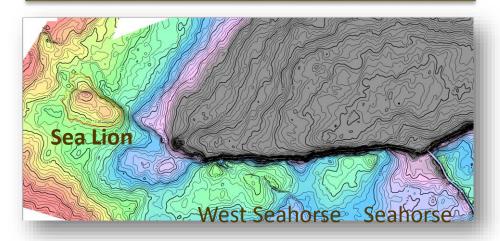
# **Sea Lion Prospect**



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

- ➤ Rig contracted to drill Sea Lion in 2<sup>nd</sup> qtr 2015
  - The first US\$7.5 million of TDO's contribution is carried as a result of the Hibiscus Transaction
- ➤ 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 a West Seahorse development
  - Significant CAPEX reduction compared to a stand alone development

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



#### P50 of 11 million barrels

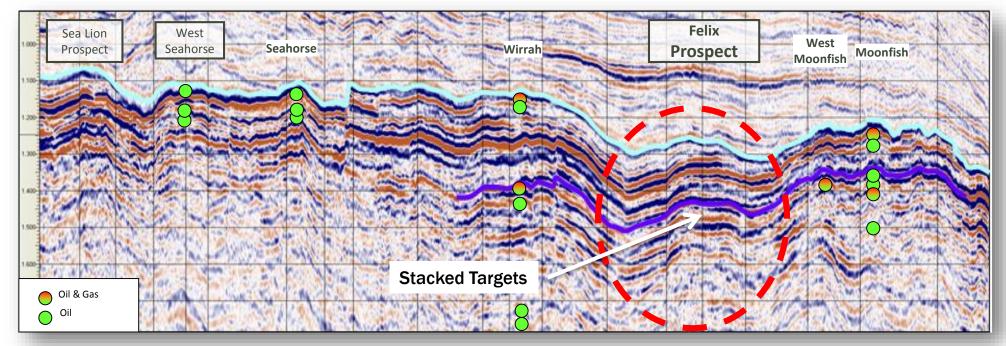
| Probability | Recoverable oil (mmbbls) |  |
|-------------|--------------------------|--|
| P90         | 7.8                      |  |
| P50         | 11.0                     |  |
| P10         | 15.3                     |  |

# **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 stacked targets



Seismic line through Felix from the new reprocessed data





# 5. Conclusion

# A great year for 3D Oil



### TDO successfully navigates through a difficult financial climate

| Secures Funding                       | Hibiscus Transaction provides company with strong financial position without dilutionary capital raising  | $\checkmark$ |
|---------------------------------------|---|--------------|
| Monetises West Seahorse               | Great outcome in a difficult funding environment  |              |
| Drill rig secured                     | West Telesto secured to drill Sea Lion early 2015   |              |
| Funding for Sea Lion secured          | <ul> <li>Hibiscus Transaction also resulted in US\$7.5 mill to<br/>3D Oil for its contribution</li> </ul> |              |
| Secures prestige partner and \$3 mill | Beach Energy joins TDO in T/49P for \$3mill for 20%   |              |
| Commences gas hunt                    | TD0 commences 3D seismic in T/49P   |              |

#### 2015 Activities



Next year even looks better with a two pronged oil and gas strategy



- ➤ Sea Lion to be drilled in 2<sup>nd</sup> qtr 2015
- ➤ Seismic acquisition, processing and interpretation complete
- Undertake farmout of gas prospects for future drilling campaign
- ➤ Results of 2014 gazettals
- ➤ Prudently and diligently review new opportunities within our strategy to organically grow TDO

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