

Company Profile

Melbana Energy (MAY) is an Australian ASX listed, independent oil and gas company with a portfolio of exploration, appraisal and development stage opportunities in Cuba, New Zealand and Australia.

Melbana has a diverse, high impact exploration asset portfolio with material near-term value drivers:

- Cuba** - unique leverage (Block 9 – Melbana 100%) with ~12.5 billion barrels potential oil-in-place and early mover advantage. Multiple leads identified. Drilling Q3 2018.
- NZ** - High quality/High impact Pukatea prospect currently drilling. Proximal to existing infrastructure, the success case has the potential to deliver substantial shareholder value.
- Australia** - beehive prospect (WA-488-P) potentially the largest undrilled oil prospect offshore Australia. Fully funded 3D seismic survey to commence mid 2018.

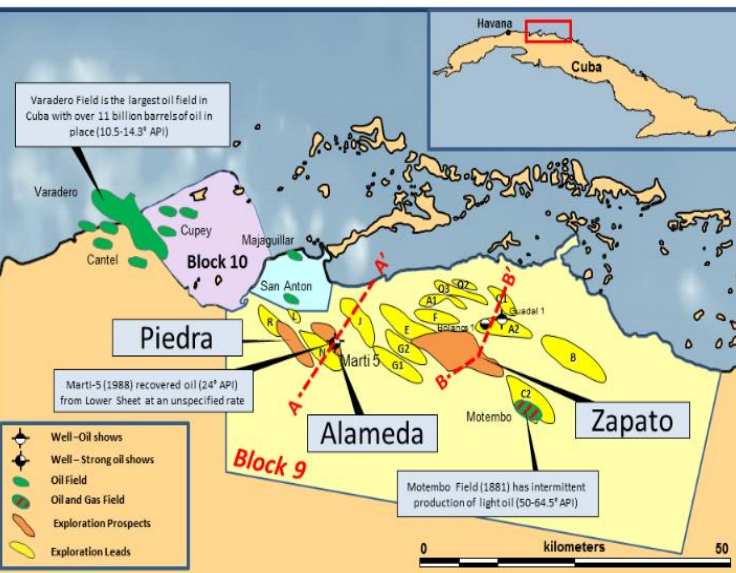
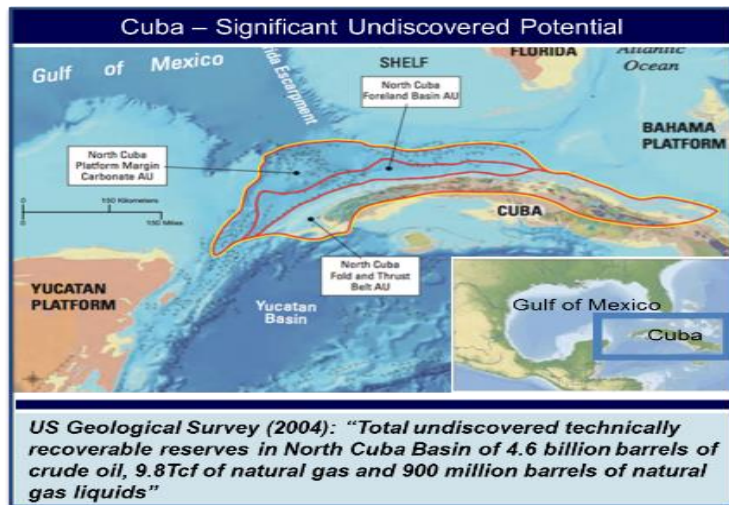
Company Data A\$	
Australian Stock Exchange Code	MAY
Shares on Issue	~1,666m
Options	~210m
Share Performance Rights	~5.3m
Market Capitalisation (12 Jan 18)	~\$27m
Net Cash (31 Dec 17)	~\$6.4m
Enterprise Value	~\$20m

Shareholders	
Cadence Asset Management	7.2%
Board & Management	5.6%
Top 20 Shareholders	30%

Board of Directors	
Chief Executive Officer	Robert Zammit
Non-Executive Chairman	Andrew Purcell
Non-Executive Director	Michael Sandy
Non-Executive Director (former MD)	Peter Stickland

Cuba – Background

- Located in the south-eastern margin of the Gulf of Mexico, Cuba represents one of the world's great under-explored petroleum mega provinces
- Due to previous US led embargoes, Cuba has been lightly explored with limited use of modern day exploration technologies
- Early mover advantage as Melbana is one of the few foreign companies pre-qualified to operate in Cuba and one of the few western companies with a significant established footprint
- Cuba currently producing ~45,000 barrels of oil and 3 million cubic meters of gas per day



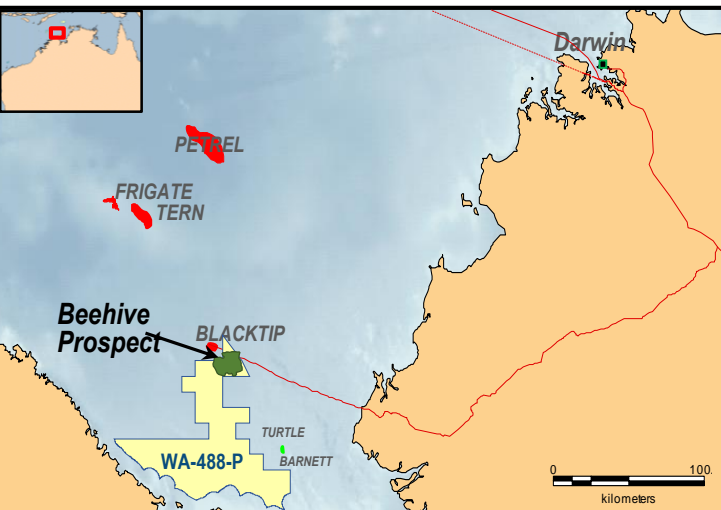
Cuba – Block 9 Prospectivity, (Melbana 100%)

- 100% unencumbered interest in Block 9 PSC, 2,380km² onshore Cuba awarded in September 2015 with a 25 year term
- Multi-billion barrel conventional oil potential located within close proximity to existing infrastructure
- Contains a proven hydrocarbon system, with multiple discoveries within close proximity, including the 11 billion barrel oil-in-place Varadero oilfield
- 19 individual leads identified in conventional plays
- Targeting drilling two wells late 2018**
- Farm-out process underway, data room currently open

Cuba Block 9 – Investment case

- Exploration potential of over 12.5 billion barrels of oil-in-place and Prospective Resources of 637 million barrels (unrisked Best Estimate, 100% basis)
- Using best estimates, recoverable reserves of 637mn BOE unrisked at US\$60 oil price, could be worth ~A\$5bn to Melbana 100% basis*

Block 9 Exploration Potential	Low	Best	High	Mean
	MMstb	MMstb	MMstb	MMstb
Oil-in-Place (unrisked, 100%)	1,181	12,746	44,151	18,518
Prospective Resources*** (recoverable, unrisked, 100%)	59	637	2,208	926

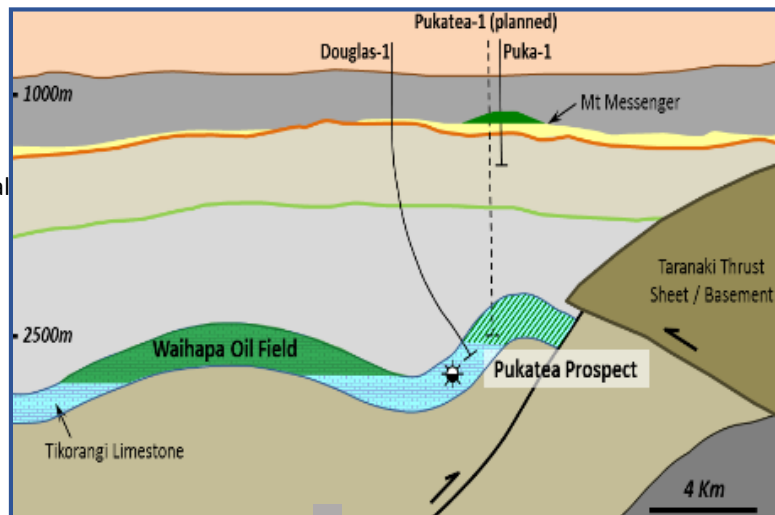


Australia – Beehive Prospect

- Potentially one of the largest undrilled oil prospects offshore Australia
- Beehive Prospective Resources estimated to range from 97 million to 2,033 million barrels (Low-High estimates), Best estimate 558 million barrels
- Shallow water, suitable for lower cost jack-up drilling rig
- Target Depth 4,000 to 4,500 meters developable by FPSO or pipeline
- Total and Santos to fully fund a 3D seismic survey
- **Seismic acquisition expected to commence mid-2018**
- Melbana retain 20% and fully carried through first well drilled in WA-488-P if Total and/or Santos exercise farm-in option

NZ - Pukatea Prospect, (Melbana 30%)

- Currently drilling high quality/high impact Pukatea prospect onshore NZ
- Located adjacent to Waihapa Oil Field which had initial production rates up to 5,000 boe/day and has produced ~23 million barrels of oil to date
- Close to existing infrastructure with multiple low cost alternative development paths for any discoveries
- Prospective resources 12.4 million (Best Estimate) to 40 million barrels (High Estimate), 100% basis
- Using best estimates at A\$27 per barrel on NPV10 basis at US\$60 oil price, has the potential to be worth ~A\$100m to Melbana**
- **Pukatea-1 well estimated to reach Target Depth late February 2018**



Multiple potential catalysts to support a significant re rating for Melbana in 2018

- * Calculated using Hartleys Block 9 NPV10 of A\$8.23per barrel developed reserves at US\$60 oil price, Sep '17 research report.
- ** Calculated using Hartleys Pukatea NPV10 of A\$27per barrel developed reserves at US\$60 oil price, Sep '17 research report.
- *** **Prospective Resources Cautionary Statement** - 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. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

Melbourne, Australia Office

Level 15, 500 Collins Street, Melbourne, Victoria, AUSTRALIA 3000

Contact: Robert Zammit CEO, Tel: +61 3 8625 6022, Email: robert.zammit@melbana.com