



# 121 OIL AND GAS CONFERENCE

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Gulf of Mexico Shelf oil and gas  
producer and explorer

**John Jetter**

Chairman

1 May 2018

ASX : OEL

**OTTOO**  
ENERGY

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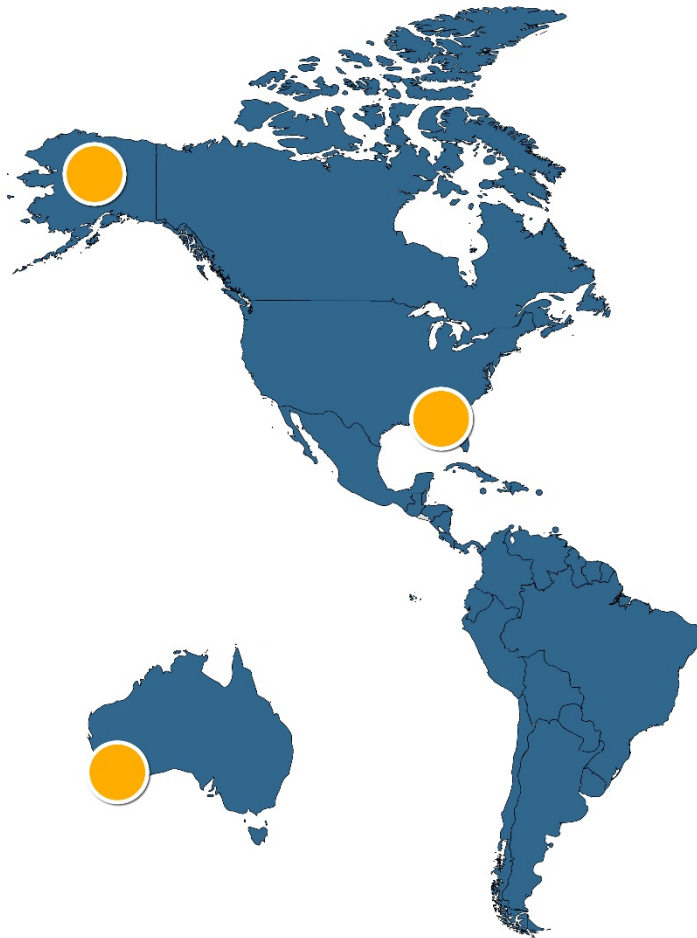
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# Why invest in Otto?

Emerging ASX listed oil producer focused on Gulf of Mexico conventional projects

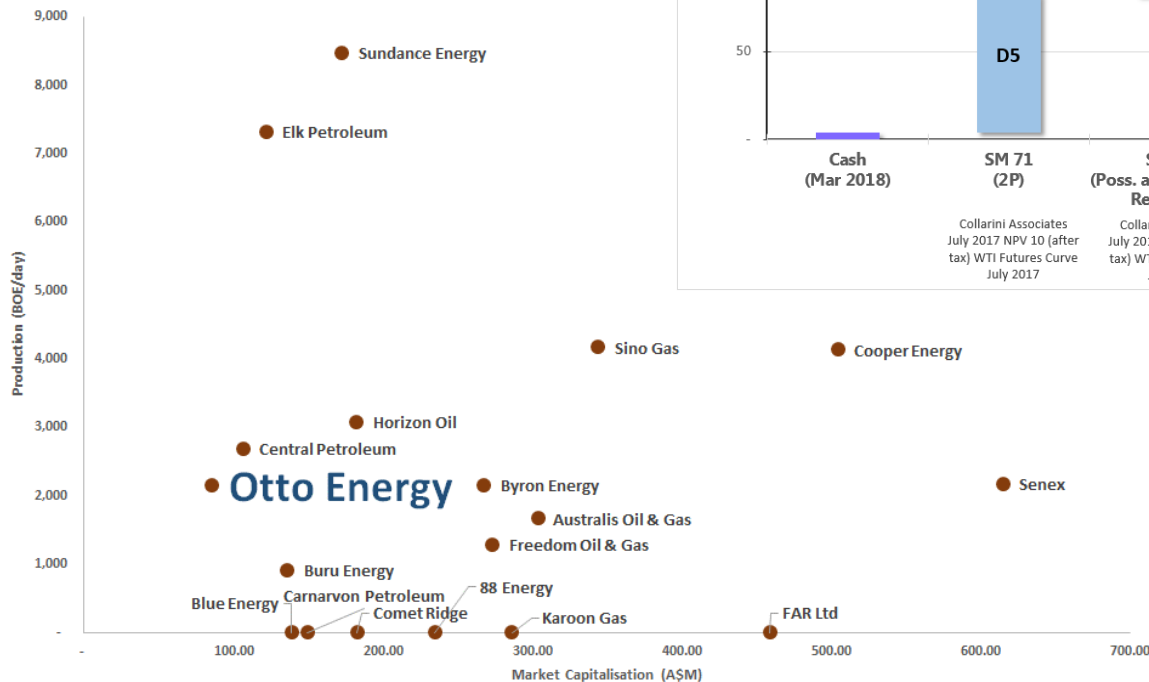


- 1** | We are a company with a clear strategy and an experienced team who understand risk and capital management in the oil and gas industry
- 2** | We are building a portfolio of US conventional production assets with a Gulf of Mexico focus and the capability to transition to an operator
- 3** | Undervalued on a sum of the parts basis and relative to ASX listed peers
- 4** | A team underpinned by strong production and cash flow from its flagship Gulf of Mexico SM 71 asset
- 5** | You are investing in a team who have many years of experience in successfully growing, operating and divesting oil and gas businesses globally (Philippines (Galoc oil field) and now Gulf of Mexico and Alaska within the Otto vehicle alone)
- 6** | We have an exciting pipeline of high impact exploration opportunities with US partners, including Bivouac Peak and VR 232, that leverage initial success at SM 71

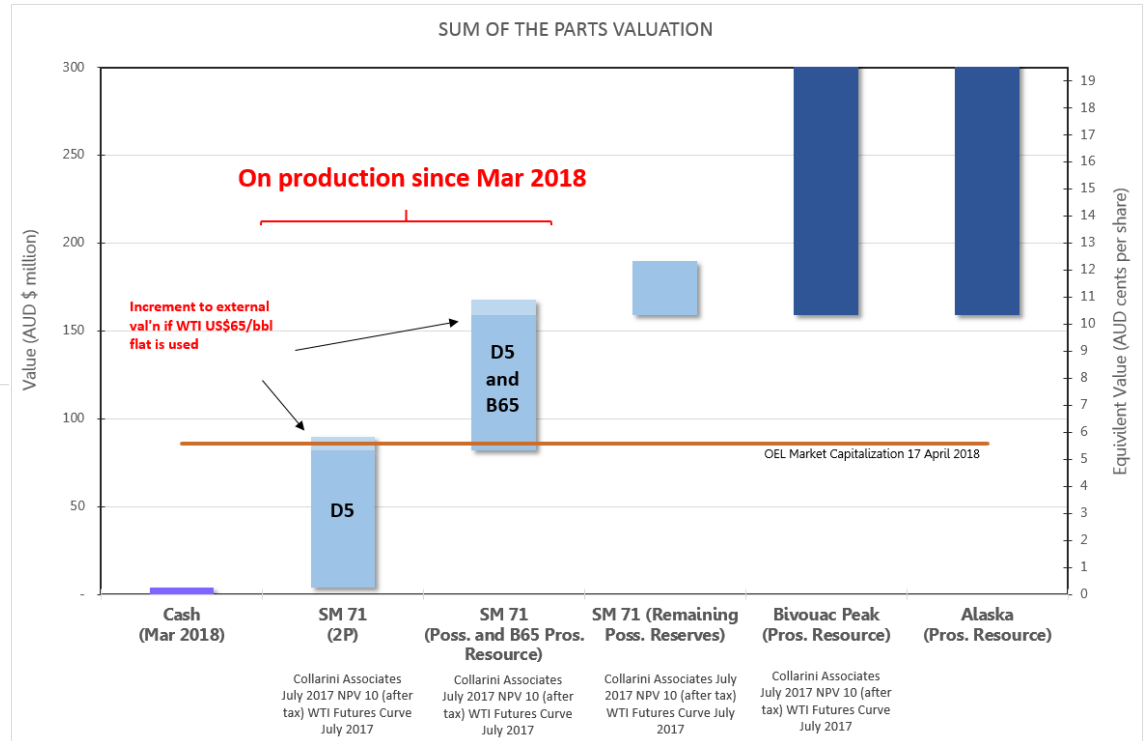
# Why invest in Otto? (cont.)

Compelling valuation metrics

ASX Mid-Cap Oil and Gas Companies  
Production and Market Capitalisation Distribution



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# Why Gulf of Mexico Shelf?

Proven, conventional oil and gas province – new discoveries utilizing modern technology

- Proven prolific hydrocarbon province where technologies such as RTM seismic processing continue to create new opportunities
- Low sovereign risk
- High margin oil with breakeven economics around US\$20/barrel
- Short cycle time from discovery to development 8-18 months
- Low cost drilling and development
- Relatively low risk exploration
- Deal flow is liquid and a full spectrum of opportunity size is available
- Otto has area expertise and well developed business relationships
- Otto has production in the area

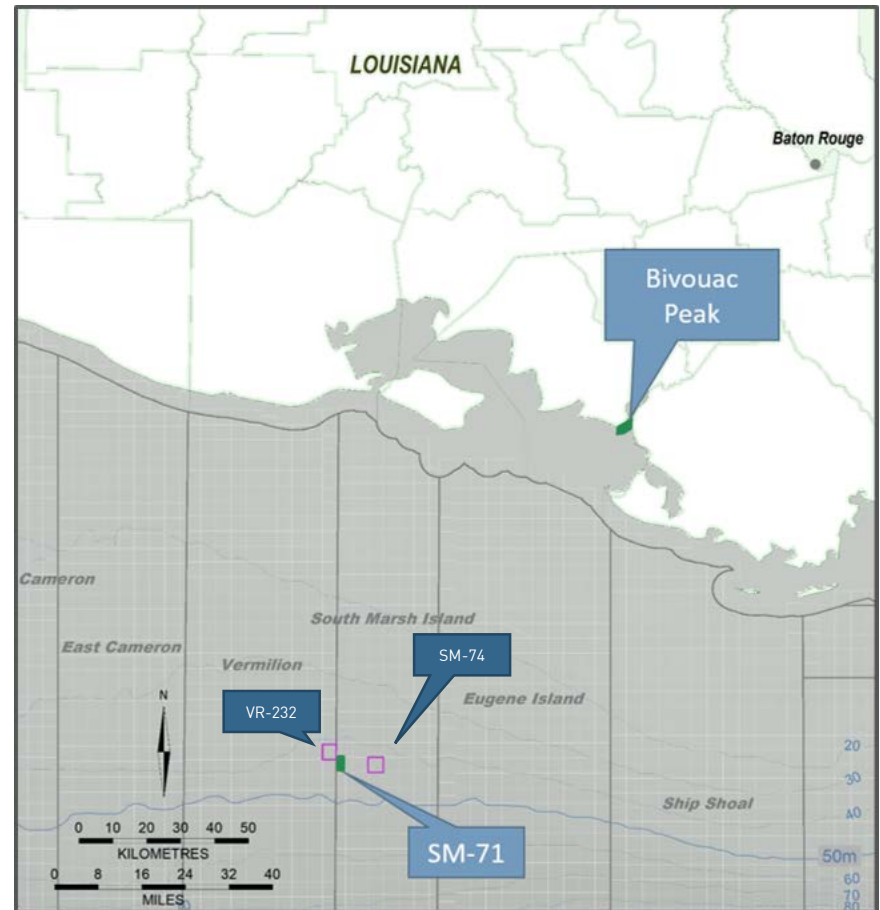


Enco 68 drilling rig adjacent to the SM 71 Production Platform (Gulf of Mexico)

# South Marsh Island 71 Production

SM 71 production commenced on the Gulf of Mexico Shelf in late March 2018

- Otto farmed into SM 71 in 2016 and participated in the discovery well drilled in April/May 2016
- The joint venture installed its own operated tripod platform in November 2017 with capacity for up to 6 production wells (currently three wells are installed and the platform is close to handling capacity)
- Production commenced in March 2018 with all three wells now producing
- Produced 83,000 bbls and 55.5 MMcf up to 25 April 2018 (100%)
- Otto has rights to participate in the Vermillion 232 (VR 232) lease which is adjacent to SM 71 and provides future incremental opportunities de-risked by the SM 71 drilling successes



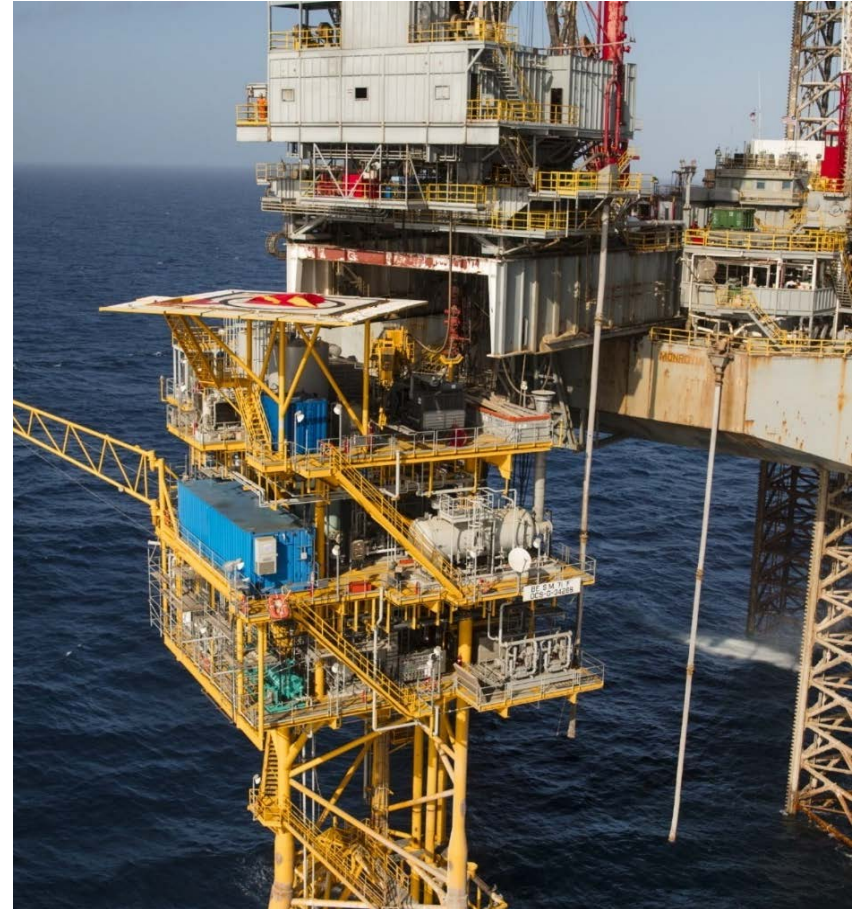


# South Marsh Island 71 Production (cont.)

SM 71 production commenced on the Gulf of Mexico Shelf in late March 2018

## SM 71 Key Details

<b>JV Partners</b>	Byron Energy (ASX:BYE) (operator) 50% Otto Energy 50%
<b>Production Wells</b>	<ul style="list-style-type: none"> <li>F1 D5 Sand 70' perforation</li> <li>F2 B65 Sand 72' perforation</li> <li>F3 D5 Sand 184' perforation</li> </ul> <p>Future production wells will be drilled once capacity becomes available in SM 71 "F" Platform</p>
<b>Objective Depth</b>	Approx. 6,800 feet (TVD) to 7,500 feet (TVD)
<b>Water depth</b>	130 feet/ 40 metres
<b>Reserves and Prospective Resource</b>	<p>Gross Reserves: 1.6 – 5.6 – 7.1 Mmboe**</p> <p>Gross Resources: Mid case 5.8 Mmboe**</p> <p>WI Reserves: 0.8 – 2.8 – 3.5 Mmboe**</p> <p>WI Resources: Mid case 2.9 Mmboe** (1P – 2P – 3P)</p>
<b>SM 71 "F" Platform Production Capacities</b>	<ul style="list-style-type: none"> <li>Current prod. is 4,650 bopd, 3,200 Mscf/d (100%)*</li> <li>Recent optimisation of facility should see production maintained at over 90% of the 5,000 bopd max facility throughput</li> </ul>
<b>Crude Oil Sales</b>	<ul style="list-style-type: none"> <li>Oil is Louisiana light sweet crude.</li> <li>Crude is sold to Shell Trading at inlet point</li> <li>At WTI of US\$68/bbl Otto will realise ~US\$64.40/bbl net (before Federal royalties)*</li> </ul>



SM 71 F Production Platform (Gulf of Mexico)

\*Refer to ASX release of 26 April 2018. \*\* Refer to ASX release of 28 September 2017.

# South Marsh Island 71 Production (cont.)

South Marsh Island 71 oil is a high margin product

All figures USD	At production of 4,650 bopd and 3,200 mcfpd	
	Per day	Monthly
Revenue - Oil (net)	149,730	4,554,288
Revenue - Gas	3,840	116,800
Government royalties (18.75%)	(28,794)	(875,829)
<b>Net Revenue</b>	<b>124,776</b>	<b>3,795,259</b>
Operating Costs*	(4,110)	(125,000)
<b>Net Cash Operating Profit</b>	<b>120,666</b>	<b>3,670,259</b>
*based on US\$250,000 per month (100%).		

- Production from SM 71 to deliver over US\$3.6m per month operating cash flow to Otto Energy at current rates
- Otto is currently trading on an Enterprise Value to EBITDA multiple of ~ 2 times earnings
- Field life expected to exceed 8 years
- Forward asset development plan to be formulated with the intention to keep the SM 71 F platform at maximum production capacity for as long as possible
- Field reserves and resources update to be provided in Q3 2018



# Delivering future growth



## Bivouac Peak

Commence drilling of the Louisiana near shore high impact Bivouac Peak prospect prior to end 2018

Prospective resource 20.5MMboe (Otto's 45% working interest)



## VR 232

Commence drilling planning for a exploration well at VR 232 block (once lease secured)



## New Ventures

Continue to screen and acquire value accretive opportunities leveraging Otto's current relationships, its production and knowledge gained from SM 71 and its new Houston based office capability.



## Alaska

Select the most high impact, lowest risk Alaskan exploration opportunities for drilling in Q1 2019

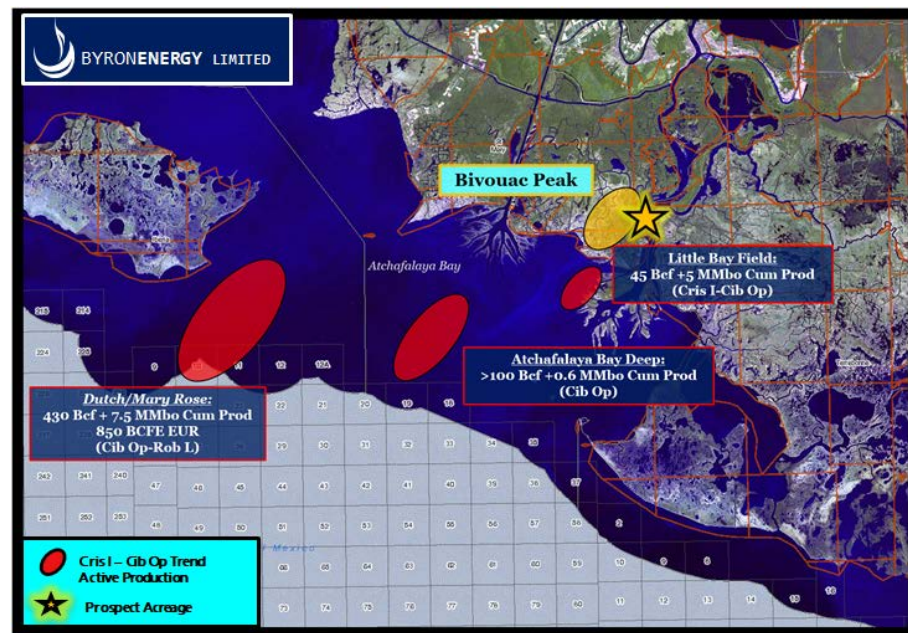
# Bivouac Peak Exploration

Highly anticipated and high-impact exploration well planned in late 2018

## Bivouac Peak Key Details

JV Partners	Byron Energy (ASX:BYE) (operator)	40%
	Otto Energy	45%
	Metgasco (ASX: MEL)	10%
	Private US Entity	5%
Objective	Approx. 17,500 feet (TVD) targeting upper and middle Miocene reservoirs in East Prospect and 20,000 feet (TVD) in Deep Prospect (follow-up on success)	
	Targets are amplitude support on 3D seismic	
	Otto to pay 60% to earn a 45% WI (up to a cap of US\$6m)	
Water depth	Onshore	
Prospective Resource	Gross Resources: Mid case 45.6 Mmboe* WI Resources (45%): Mid case 20.5 Mmboe* (Best Estimate)	
Lease terms	<ul style="list-style-type: none"> <li>Private lease (2,492 acres) 23.0% royalty</li> <li>State lease (#21778, 200 acres) 21.5% royalty</li> <li>State lease (#21779, 130 acres) 25.0% royalty</li> </ul>	
Development Plan	<ul style="list-style-type: none"> <li>Estimated completion and development costs to bring into production are US\$8.5m</li> <li>6 – 8 months from initial discovery until first well is producing</li> </ul>	

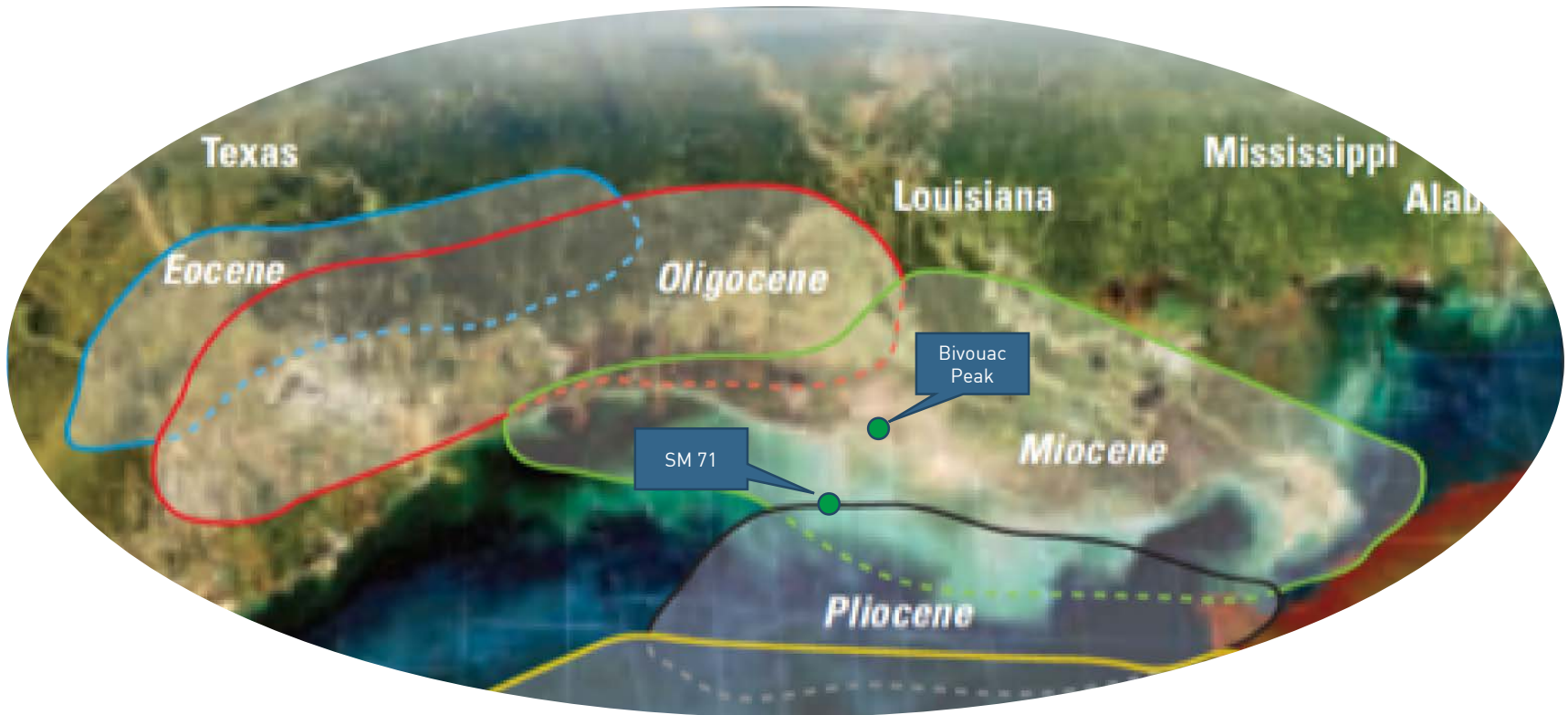
\*Refer to ASX release of 28 September 2017.



Bivouac Peak prospect sits in the prolific producing Atchafalaya Bay area

# Delivering future growth (cont.)

Focused strategy of portfolio growth within clearly defined region

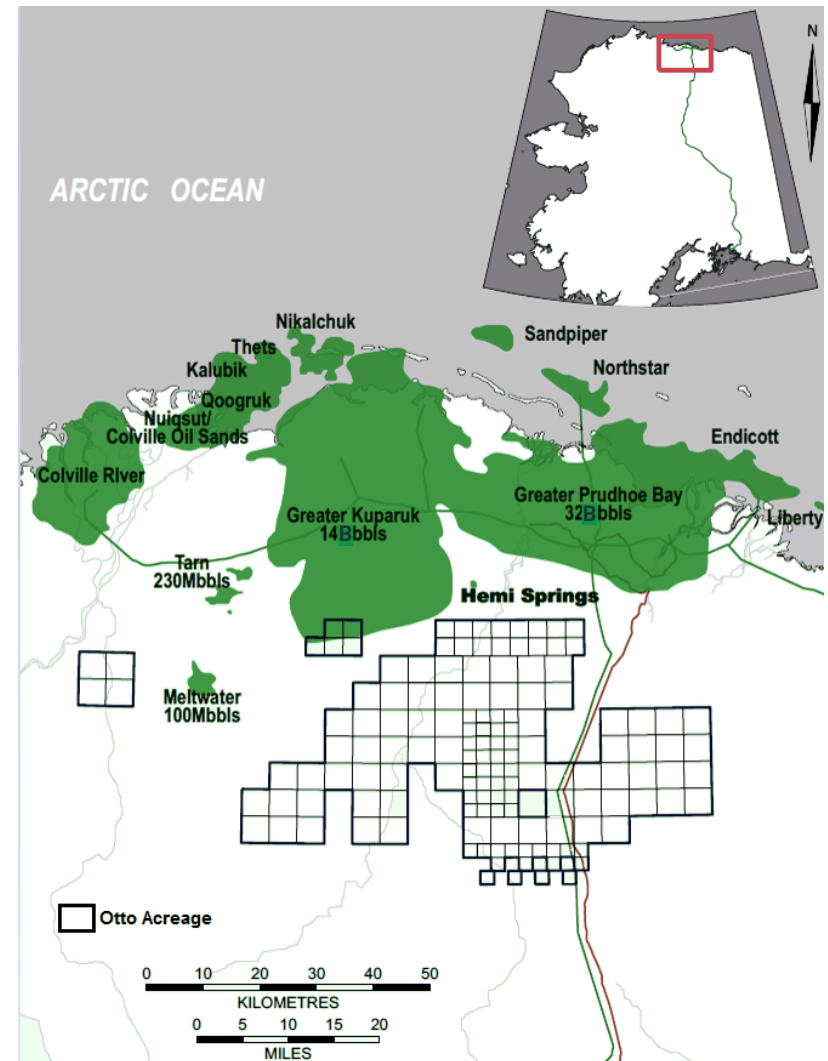


Otto's target area for new opportunities lies within the Pliocene and Miocene reservoir systems of the US Gulf of Mexico

# Why Alaska?

Proven, conventional oil and gas province – home of the largest conventional oil fields in North America

- Proven prolific hydrocarbon province which harbours North America's largest conventional oil fields (Prudhoe Bay, Kuparuk, etc.)
- High impact exploration with scope to discover oil fields containing hundreds of millions of barrels immediately south of the North Slope giant oil accumulations
- Much of the region lacks the 3D seismic technology enabler, so in the past large fields have been overlooked
- Area under license is covered by proprietary 3D seismic revealing previously unidentified prospects
- Area under license contains vintage wells which have discovered oil

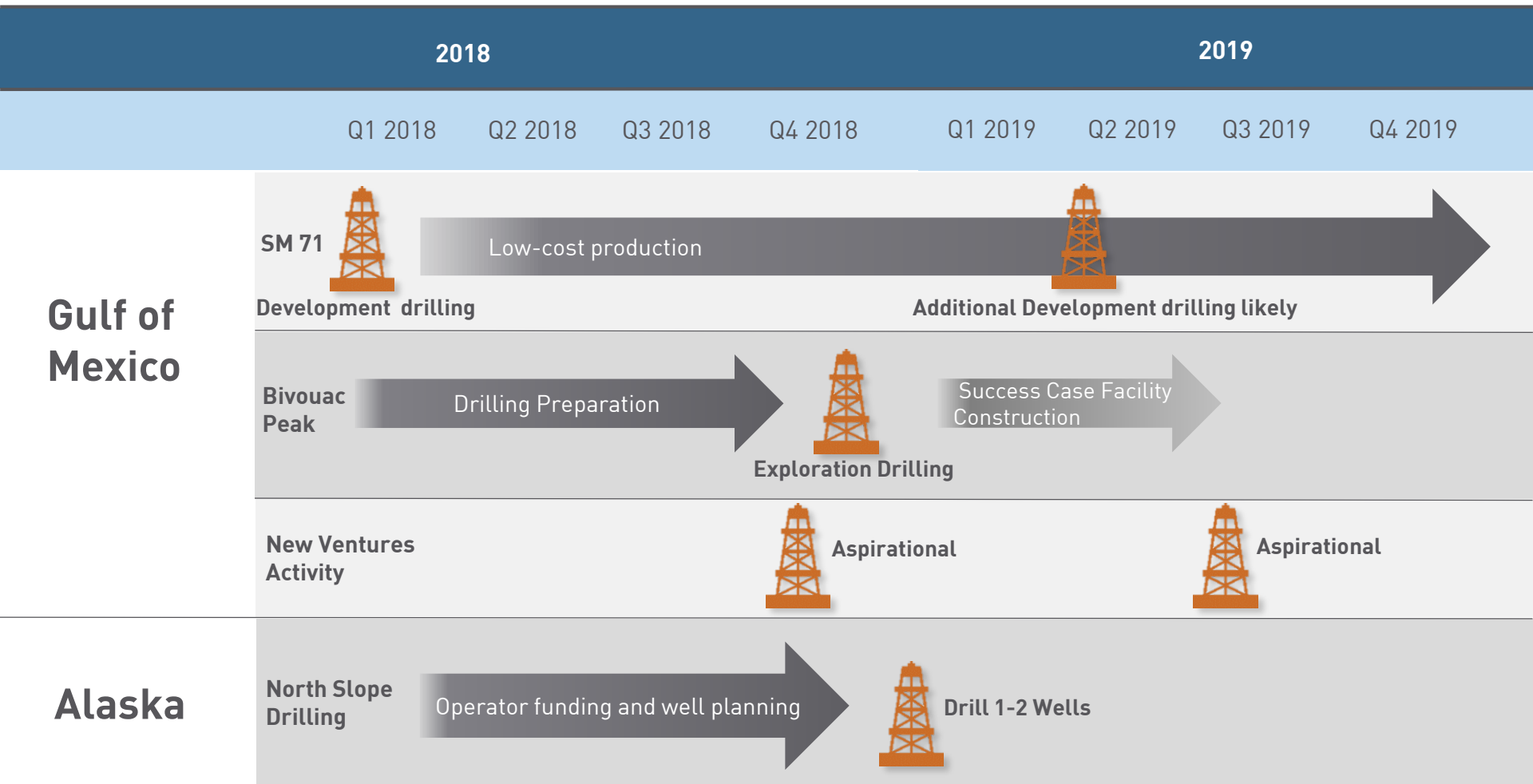


Otto's acreage holding immediately south of North America's largest conventional oil fields (North Slope Alaska)



# Pipeline of Opportunities

Otto is an undervalued oil and gas company with an exciting pipeline of upcoming activities



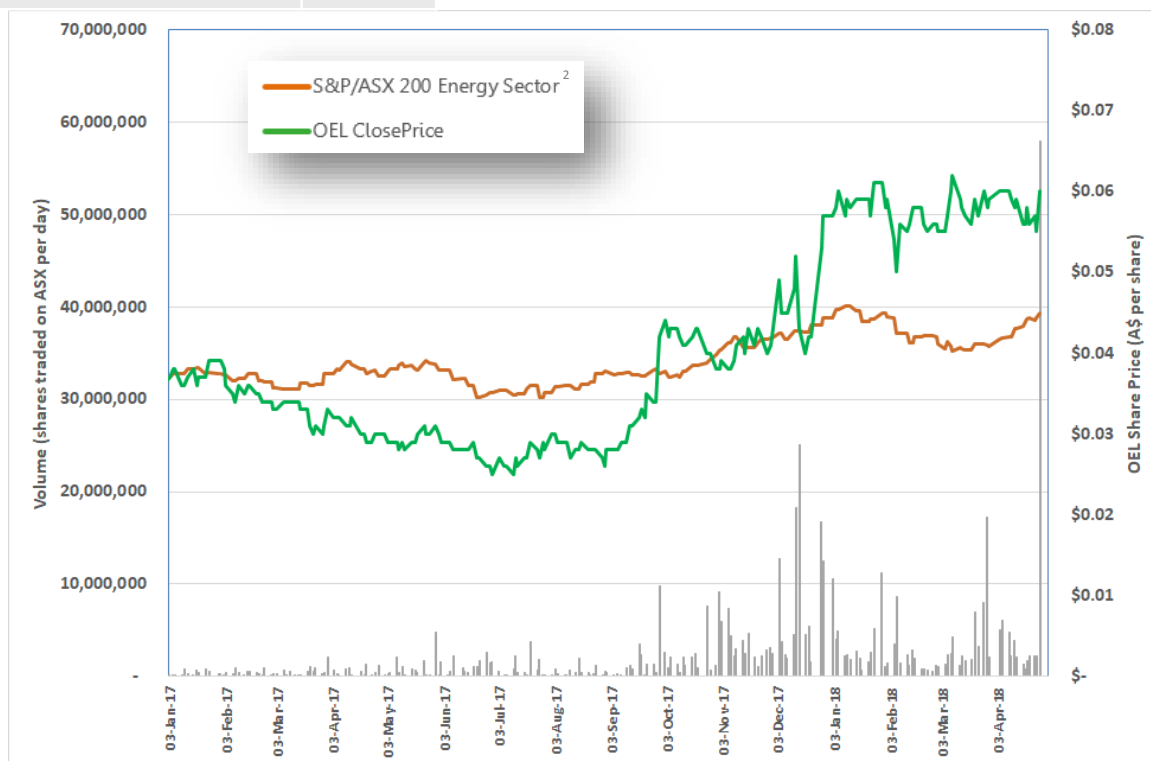
An aerial view of the ENSCO-68 offshore oil rig in the middle of the ocean. The rig features three tall, lattice-structured derrick legs and a complex network of yellow and grey platforms and piping. The name 'ENSCO-68' is clearly visible on a grey section of the upper derrick. The ocean is a deep blue with some whitecaps, and the sky is a clear, pale blue.

# Additional Information

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# Corporate Snapshot

Capital Structure		Funding Position		Shareholders	
Fully paid ordinary shares	1.531b	Cash (31 Mar 2018)	US\$3.3m	Molton Holdings	20.0%
Performance Rights	18.8m	Convertible Note Liability (repayable 30 June 2019) <sup>3</sup>	US\$8.2m	Perennial Value Management	5.5%
Convertible Notes (US\$1 per note) <sup>3</sup>	8.2m	Debt (31 Mar 2018)	Nil	Directors & Management	2.4%
Market capitalisation <sup>1</sup>	A\$86m				



1. Undiluted at 5.6 cents per share as at 18 April 2018

2. ASX 200 Energy Index normalized to 30 September 2015 OEL share price

3. Convertible notes issued for US\$8.2m announced 29 May 2017, issued 2 August 2017. Conversion price of 5.5 cps, maturity 30 June 2019. The notes have a face value of US\$1.00 and may be converted at A\$0.055. At the 31 August 2017 AUD:USD rate of 0.79 the 8.2 million notes would have converted to 188.7 million shares.

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# Board and Management



**John Jetter – Non-Executive Chairman.**  
**LLB, BEc INSEAD**

Former MD/CEO J.P. Morgan Germany. Non-Executive Director of Venture Minerals and Peak Resources Ltd.



**Ian MacIver – Non-Executive Director. BComm, FCA, SF Fin, FAICD**

Managing Director Grange Consulting. Non-Executive Chairman of Western Areas.



**Ian Boserio – Non-Executive Director.**  
**BSc (Hons)**

Executive Technical Director of Pathfinder Energy Pty Ltd. Former executive positions with Shell & Woodside in exploration roles.



**Matthew Allen – Managing Director & CEO.**  
**BBus, FCA, FFin, GAICD**

Global exposure to the upstream oil and gas industry with over 18 years experience in Asia, Africa, USA, Australia and Middle East. Previous senior roles with Woodside over 9 year period.



**Paul Senycia – Exec Director, Exploration and New Ventures.**  
**BSc (Hons), MAppSc**

International oil & gas experience gained over 35 years. Specific focus on Australia, USA, South East Asia & Africa. Previous roles at Beach, Woodside Energy and Shell International.



**David Rich – Chief Financial Officer & Company Secretary.**  
**BCom. FCA, GAICD, Grad.Dip.CSP AGIA**

Experienced public company CFO with the last 15 years as CFO of upstream oil and gas companies with international interests including in Australia, Asia and the USA.



# Proven Oil and Gas Experience

Successfully operated/developed Galoc oil field and established a non-operated business

## Acquired operatorship of Galoc oil field

Increased working interest to 33.0% and assumed operatorship of field. Purchase price equivalent to US\$11.50 per bbl (2P reserves) in the ground.

## Drilling of multi-well sub-sea tieback at Galoc

Successfully drilled over 8,450 metres of length in two wells including lateral completions. Production increased to 14,000 bopd from 3,500 bopd.

## Delivered AUD 6.4 cents per share to shareholder

Returned A\$74.5 million to shareholders via capital return and dividend.

## Acquired interest in Alaska North Slope acreage

Prolific proven petroleum basin yielding new multi-billion barrel oil discoveries with new 3D seismic technology unlocking conventional play trends previously untested.

## Secured staged multi-well farm in to Gulf of Mexico

Acquisition sets path for Otto to return to production during 2017/18 in assets which are robust even when viewed against the current backdrop of oil prices

## Upgraded Galoc FPSO delivering top quartile uptime

Major refurbishment project undertaken increasing operating performance to 99% uptime from <80%.

## Executed sale of interest in Galoc

Sold working interest for US\$108 million valuing interest at US\$32.70 per bbl in the ground.

## First discovery in SM 71 #1

May 2016 delivers 2.2 MMbbl net 2P reserves at finding cost of US\$2.11 per bbl.

# Reserves & Prospective Resources

## RESERVES AND PROSPECTIVE RESOURCES AS AT 30 JUNE 2017

### OTTO ENERGY WORKING INTEREST (WI) %

Reserves	Oil (Mbbbls)	Gas (MMscf)	Mboe (6:1)
<b>SM-71 (undeveloped), WI (50%)</b>			
Proved (1P)	715	496	798
Probable Reserves	1,778	1,302	1,995
Proved and Probable (2P)	2,494	1,798	2,793
Possible Reserves	660	455	736
Proved, Probable and Possible (3P)	3,153	2,254	3,529
<b>Prospective Resource (Undeveloped, Best Estimate, Unrisked)</b>			
SM-71, WI (50%)	2,956	26,455	7,366
Alaska WI (10.8%)	70,000	0	70,000
Bivouac Peak WI (45%)	7,196	79,950	20,520

## RESERVES AND PROSPECTIVE RESOURCES AS AT 30 JUNE 2017

### OTTO ENERGY NET REVENUE INTEREST (NRI) %

Reserves	Oil (Mbbbls)	Gas (MMscf)	Mboe (6:1)
<b>SM-71 (undeveloped), NRI (40.625%)</b>			
Proved (1P)	581	403	648
Probable Reserves	1,445	1,058	1,621
Proved and Probable (2P)	2,026	1,461	2,269
Possible Reserves	536	370	598
Proved, Probable and Possible (3P)	2,562	1,831	2,867
<b>Prospective Resource (Undeveloped, Best Estimate, Unrisked)</b>			
SM-71, NRI (40.625%)	2,402	21,495	5,985
Alaska NRI (9 - 9.45%) *	58333 - 61250	0	58333 - 61250
Bivouac Peak NRI (33.525%)	5,361	59,562	15,288

\* Precise weighted average royalty split unknown, volumetric range provided based on 12.5 to 16.67% royalty range.

The B65 interval, which was discovered in the SM 71 F2 well in December 2017, had a Prospective Resource at 30 June 2017 of 2.869 MMboe (Otto's 50% working interest share).

The F3 well also intersected the B55 and C10 zones which were not included in the above prospective resources at 30 June 2017.

Refer to Otto Energy's announcement to ASX on 28 September 2017 for full information on the SM 71 independent Reserves Report prepared by Collarini and Associates as at 30 June 2017. Please also refer to the cautionary statements on the next page regarding reserves and prospective resources.

# Competent Persons and Cautionary Statements

## Competent Persons Statement

The information in this report that relates to oil and gas resources in relation to Alaska was compiled by technical employees of Great Bear Petroleum, the Operator of the Alaska acreage, and subsequently reviewed by Mr Paul Senyia BSc (Hons) (Mining Engineering), MAppSc (Exploration Geophysics), who has consented to the inclusion of such information in this report in the form and context in which it appears.

Mr Senyia is an employee of the Company, with more than 30 years relevant experience in the petroleum industry and is a member of The Society of Petroleum Engineers (SPE). The resources included in this report have been prepared using definitions and guidelines consistent with the 2007 Society of Petroleum Engineers (SPE)/World Petroleum Council (WPC)/ American Association of Petroleum Geologists (AAPG)/ Society of Petroleum Evaluation Engineers (SPEE) Petroleum Resources Management System (PRMS). The resources information included in this report are based on, and fairly represents, information and supporting documentation reviewed by Mr Senyia. Mr Senyia is qualified in accordance with the requirements of ASX Listing Rule 5.41 and consents to the inclusion of the information in this report of the matters based on this information in the form and context in which it appears.

The reserve and contingent resource information in this report in relation to SM 71 and Bivouac Peak is based on information compiled by technical employees of independent consultants Collarini Associates, under the supervision of Mr Mitch Reece BSc PE. Mr Reece is the President of Collarini Associates and is a registered professional engineer in the State of Texas and a member of the Society of Petroleum Evaluation Engineers (SPEE), Society of Petroleum Engineers (SPE), and American Petroleum Institute (API). The reserves and resources included in this report have been prepared using definitions and guidelines consistent with the 2007 Society of Petroleum Engineers (SPE)/World Petroleum Council (WPC)/American Association of Petroleum Geologists (AAPG)/ Society of Petroleum Evaluation Engineers (SPEE) Petroleum Resources Management System (PRMS). The reserves and resources information reported in this Statement is based on, and fairly represents, information and supporting documentation prepared by, or under the supervision of, Mr Reece. Mr Reece is qualified in accordance with the requirements of ASX Listing Rule 5.41 and consents to the inclusion of the information in this report of the matters based on this information in the form and context in which it appears.

## Prospective Resources

Prospective resource estimates in this report for SM 71, Alaska and Bivouac Peak are prepared as at 30 June 2017. The resource estimates have been prepared using the internationally recognised Petroleum Resources Management System to define resource classification and volumes. The resource estimates are in accordance with the standard definitions set out by the Society of Petroleum Engineers, further information on which is available at [www.spe.org](http://www.spe.org). The estimates are un-risked and have not been adjusted for both an associated chance of discovery and a chance of development. Otto is not aware of any new information or data that materially affects the assumptions and technical parameters underpinning the estimates of reserves and contingent resources and the relevant market announcements referenced continue to apply and have not materially changed.

## Prospective Resources Cautionary Statement

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

## Reserves cautionary statement

Oil and gas reserves and resource estimates are expressions of judgment based on knowledge, experience and industry practice. Estimates that were valid when originally calculated may alter significantly when new information or techniques become available. Additionally, by their very nature, reserve and resource estimates are imprecise and depend to some extent on interpretations, which may prove to be inaccurate. As further information becomes available through additional drilling and analysis, the estimates are likely to change. This may result in alterations to development and production plans which may, in turn, adversely impact the Company's operations. Reserves estimates and estimates of future net revenues are, by nature, forward looking statements and subject to the same risks as other forward looking estimates.

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