

Good Oil Conference Presentation

12 September 2019

ASX: OEL

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Non-operated conventional exploration and production in the Gulf of Mexico

Effective deployment of resources and capital to maximize return and achieve strategic production goal

Otto's partnership advantage

- Positioned as a non-operating partner of choice with top-tier operators in prolific hydrocarbon basins
- Ability to choose projects/partners gives access to leading technologies and established operating teams
- Targeted portfolio High Probability of Success prospects
- Ability to effectively manage a diverse portfolio of projects , with shorter lead time to drilling
- Well-respected team with a track record of successfully growing, operating and divesting oil and gas assets globally who understand risk and capital management

Otto's Gulf of Mexico strategy

- **Local office established**; drilling success achieved; activity pipeline growing from extensive lead inventory
- Short cycle times from deal to drilling to production; extensive local services and equipment
- Significant, established local infrastructure and proven basins leads to lower cost projects and a well-developed route to market
- Economically robust projects at current oil prices
- Deal flow is liquid and a full spectrum of opportunity size is available

A disciplined, non-operated strategy is providing production and cash-flow growth to achieve Otto's strategic goal of 5000+ boepd by end 2020



Investment Exposure to significant activity in the Gulf of Mexico

ASX-listed, US focused, diversified conventional oil and gas production and exploration business

Otto's current activity

- Current production of ~2250 boepd will generate net operating cashflow of ~US\$30m p.a. based on current prices
- **Significant credit facility being negotiated** to fund capital development projects
- **Finalization of Reserves report,** including Lightning and SM 71 expected Q3 CY19 and GC 21 to follow
- **Evaluation of new exploration** opportunities underway focused on Gulf of Mexico region
- Production testing and evaluation at Mustang expected Q4 CY19
- Drilling Lightning #2 development well expected Q4 CY19
- 3-4 wells planned to be drilled with Hilcorp in Gulf of Mexico exploration program – beginning Q4 CY19
- 2 new SM 71 well opportunities under evaluation with Byron Energy (ASX:BYE) – expected Q4 CY19
- **Evaluation of well and logging data at GC 21** to inform development planning and FID





Otto Energy Limited (ASX:OEL)

Strong base of free cash flow to fund continued growth through the drill bit

Free Cash Flow	 Low cost oil producer - expected to generate net operating cashflow of ~US\$30m per annum from existing production of ~2250 boepd
Funding	 Current and future developments to be funded by credit facility in negotiation Multiple opportunities to diversify and expand current projects and reserves via development drilling
Drilling Record	 Active exploration and development drilling campaign in Gulf of Mexico 3 successful exploration wells to date during CY 2019 in GoM
Respected Team	• Experienced exploration and commercial team - with a track record of value creation and risk management, complemented by quality project partners
Focused Strategy	 Partnership Strategy allows for more deal opportunities in the region Liquids / gas mix – maintain project portfolio with positive liquids/gas mix Strategic Goal - Build to the expected 5,000+ boepd production base in Gulf of Mexico by end of 2020



Production - South Marsh Island 71, offshore Gulf of Mexico

~1560 boepd (Net Revenue Interest at 40.625%) provides strong cashflow foundation for growth

South Marsh Island 71					
Joint Venture	Otto Energy Byron Energy (operator)		50.0% 50.0%		
Fiscal Terms	Federal Royalty Held by production licence		18.75%		
Location	Offshore Federal OCS, 40 meters water depth (131 feet)			h (131 feet)	
Geology	Pleistocene to Pliocene age sands ranging in depth from 5,000 feet to 8,800 feet Total Vertical Depth ("TVD"). Productive from discrete hydrocarbon-bearing sandstone reservoirs which are primarily trapped in three-way structural closures bound either by salt or stratigraphic thinning, on their updip edge.				
Drilling	F2 Nov	il 2016 E 2017 E	Reservoir 05 855 05	Depth (MD) 7,477 feet 7,700 feet 7,717 feet	
Production (gross)	Current3,200 bopd plus 5 MMscf/dCumulative1.6 MMbbl and 2.4 Bcf (since March 2018)				
Net Reserves ⁽¹⁾	1P 2.45 MMBo	e 2P 6.59	MMboe 3P	8.75 MMboe	
Facilities	F Platform, owned by joint venture Capacity for up to 6 production wells and 5,000 bopd				
Development	Two step-out wells, F-4 and F-5, proposed by Operator currently under evaluation by Otto – if approved, drilling expected Q4 CY19				





SM 71 F Production Platform (Gulf of Mexico)



[1] Per Collarini independent reserves estimation 30 June 2018. Refer to pages 19 and 20 for further information on reserves and prospective resources.

Production - Lightning, onshore Texas Gulf Coast

First discovery under Gulf Coast Drilling program – 2nd development well planned for Q4 CY19 to increase production

Lightning Discovery			
Joint Venture	Otto Energy37.5%Hilcorp Energy (operator)62.5%		
Fiscal Terms	Landowner Royalty 24.9% Held by production licence		
Location	Onshore Matagorda County, Texas		
Geology	Slope channel/fan setting within Oligocene (Tex Miss). Overlaying production from the shallower Miocene levels dates back to the early 1930's. Recent modern 3D seismic has yielded discoveries that prove working analogues in the slope channel/fan setting at Baer Franklin in the deeper Oligocene setting.		
Drilling	WellDrilledReservoirDepth (MD)Green #1Feb 2019Tex Miss (Oligocene)15,218 feet		
Production (gross)	Current 12 MMscf/day and 360 bopd condensate		
Net Reserves	Maiden reserves report to be released in Q3 CY19		
Facilities	Surface facilities to handle gas/condensate production, tie in to nearby gas export pipeline completed in Q2 2019		
Development	Development well (Green #2) expected to be drilled Q4 CY 19 Further field evaluation ongoing		



Lightning location map, showing gas pipeline infrastructure



Discovery – Green Canyon 21 "Bulleit", offshore Gulf of Mexico

Two target discovery with Talos Energy – wellbore suspended for completion in 1H CY20

Green Canyon 21 "Bulleit" Prospect					
Joint Venture	Talos Energy (operator) 5			50.00%	
Fiscal Terms	Federal Royalty 18.75% Primary term exploration lease				
Location	Offshore Federal OCS, 370 meters water depth (1,200 feet)				
Geology	Bulleit is an amplitude-supported Pliocene prospect with similar seismic attributes to the analogous sand section in Talos's Green Canyon 18 field, which has produced approximately 39 MMboe to date.				
Drilling	Well Bulleit	Drilled May-Aug 2019	Reservoir Pliocene	Depth 15,500' (MD)/13,823' (TVD)	
Production	Talos intends to complete the well as a subsea tieback in 1H2020				
Discovery	Approx net 140 ft TVD oil pay encountered in DTR-10 interval				
	Approx. net 110 ft TVD oil pay encountered in MP interval				
Facilities	Talos will complete well as a subsea tieback to the Talos operated GC 18A Platform.				



Green Canyon 21 proximity to Green Canyon 18A platform



Green Canyon 18A Production Facility



Evaluation – Mustang, onshore Texas Gulf Coast

2nd discovery in Hilcorp program – production testing results expected in early Q4 2019

Mustang Prospect				
Joint Venture	Otto Energy Hilcorp Energy (operator)	37.5% 62.5%		
Fiscal Terms	Landowner Royalty	25.0%		
Location	Onshore Chambers County, Texas			
Geology	Significant historical production since the 1930's exists from the Frio/Tex Miss shelf edge, however the channel/levee setting has only been lightly explored. Recent drilling in the Vicksburg has confirmed that this relatively underexplored play is yielding multiple new discoveries. The Mustang prospect demonstrates strong AVO (amplitude versus offset) on 3D seismic with good conformance of the amplitude response to structure at multiple levels.			
Drilling	WellDrilledThunder Gulch #1May 2019		Depth 18,164' MD/18,001' TVD	
Discovery	Well intersected a minimum of 57 feet of net pay TVT based on petrophysical evaluation of wireline data and mudlog hydrocarbon shows			
Net Reserves	Maiden reserves to be reported upon establishment of steady state production following a successful production test			
Facilities	Completed well will be tied back to an existing gas export line near the well. Estimated completion and development costs US\$3.05 million (Otto share US\$1.30 Million)			



Mustang, Corsair, Hellcat location – onshore Chambers County , Texas



Pipeline of Opportunities

Otto has assembled an exciting pipeline of upcoming activities as a result of its non-operating partnership strategy







Corporate Snapshot (ASX:OEL)



1. As at 09 September 2019 (undiluted at 5.15 cents per share).



Otto Energy Gulf of Mexico Area Key Projects

Strong cashflow base to fund growth from oil and gas sales at SM 71 and Lightning

Metric	SM 71	Lightning	Gulf Coast	Green Canyon 21	VR 232
Туре	٦V	VL	VL	VL	VL
Ownership Structure	50% WI	37.5% WI	37.5% WI (50% of Cost ¹)	16.67% WI	100% WI
NRI	40.625%	28.50%	28.50%	13.336%	81.25%
Status	Production	Production	Exploration	Development	Exploration
Onshore/Offshore	Offshore	Onshore	Onshore	Offshore	Offshore
Operator	Byron Energy (50% WI)	Hilcorp (62.5% WI)	Hilcorp (62.5% WI)	Talos Energy (50% WI)	Otto Energy
Comments	3 Wells Generating ~US\$2 Mil. Op Net Cashflow per month and 2 new wells under evaluation	Steady state oil and gas production. 2 nd Dev well expected by end 2019	3-4 wells remaining. Mustang currently being completed for production testing.	Commercial oil discovery. Talos to complete well in 1H 2020	Block adjacent to SM 71

1. The promote only applies to the initial test well, land (if applicable) and associated costs. All subsequent other costs after discovery are at the working interest share.

2. Alaska is not included here as little activity and expenditure is expected over the coming period.



Board of Directors



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 Macliver Non-Executive Director BComm, FCA, SF Fin, FAICD

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



lan Boserio Non-Executive Director BSc (Hons)

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



Kevin Small Non-Executive Director & Senior Exploration Consultant BSc (Geophysical Engineering)

Extensive Gulf of Mexico exploration experience with Blue Streak Exploration, Westport Oil and Gas Company, Superior Oil Company and McMoran Oil and Gas.



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 an 8 year period.



Paul Senycia Non-Executive Director 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 listed company CFO with the last 16 years as CFO of upstream oil and gas companies with international interests including in Australia, Europe, Asia and the USA.



Management Team



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 an 8 year period.



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

Experienced listed company CFO with the last 16 years as CFO of upstream oil and gas companies with international interests including in Australia, Europe, Asia and the USA.



Krista Walter Vice President, Investor Relations B.S Geosci, M.S. Marine Sci, MBA

International experience working in the oil and gas industry and investment/strategy sectors with roles in the USA, Middle East, and Australia. Previous roles with Schlumberger, Macquarie Bank, RBS Morgans and related consulting.



Philip Trajanovich Senior Commercial Manager B.Com (First Class Honours)

Global experience as a commercial manager working with Aurora Oil & Gas, ConocoPhillips and Woodside. Extensive international and US experience in all facets of upstream oil and gas operations and commercial structures.



Will Armstrong Vice President, Exploration and New Business B.S Geology, M.S. Geology (Geophysics and Hydrogeology)

Over 30 year's experience working the Gulf Coast and Gulf of Mexico as an explorer both as a prospect generator and prospect screener. Previous roles with Tri-C, Newfield, CL&F, Westport, Petroquest and Tenneco Oil Company based in Houston and Lafayette.



Mark Sunwall Senior Exploration Consultant B.S Geology, M.S. Geology

Successful 40+ year career with onshore Gulf Coast and Gulf of Mexico major and independent operators. Mark has worked with Aurora Oil & Gas, Woodside and Texaco.



Kevin Small Senior Exploration Consultant & Director BSc (Geophysical Engineering)

Extensive Gulf of Mexico exploration experience with Blue Streak Exploration, Westport Oil and Gas Company, Superior Oil Company and McMoran Oil and Gas.



Mike Smith Chief Geologist B.S. Geology

Extensive Gulf of Mexico and Gulf Coast exploration experience with Marlin Energy, Ocean Energy, and CNG Producing



Under evaluation - Proposed F4 and F5 wells to add to production at SM 71

- Otto holds a 50% WI and a 40.625% NRI in SM 781
- Two new wells currently being permitted for SM 71 by the Operator, Byron Energy
- **One step-out well** to extend the limits of the D5 reservoir
- **One development well** to more efficiently drain the remaining D5 reserves at SM 71
- A rig to drill the SM 71 F4 and F5 wells is expected on location in early October
- Otto will formally review the proposed wells and elect to participate or not following technical evaluation in the coming weeks





June Quarter 2019 Highlights

Otto achieved a 14% increase in sales revenue for the quarter on the back of a 5% increase in oil production, improved oil prices and commencement of production at Lightning

Oil and Gas Sales	 WI Share 134,628 bbls of oil and 297,370 Mscf of gas and 2,847 bbls of NGLs WI share 5% increase in oil and 2% decrease in gas sales vs prior quarter
Sales Proceeds	 US\$8.7 m in the quarter from SM 71 (March, April and May 2019 production) before royalties US\$7.6m net of royalties
Corporate	 Closing cash balance of US\$7.4m (A\$10.6m) A\$31m placement and underwritten 1 for 5 rights issue US\$8.1m convertible notes redeemed with balance of 100,000 notes being converted to ordinary shares
Lightning Maiden Production	 Field commissioning was completed during June 2019 Production reached steady state of 12 MMscf/d in raw gas and 340-360 bbl/d in condensate (gross)
Subsequent Results	 Mustang well discovered hydrocarbons as announced 23 July 2019 and is being hooked up for production testing and final evaluation of the well (~ Q4 CY19) GC 21 well discovered commercial hydrocarbons in the shallow DTR-10 sand (announced 13 June 2019) and deeper MP sand (announced 8 August 2019)



Glossary

Abbreviation	Expanded Term	Definition
GoM	Gulf of Mexico	
MMboe / mboe	Million barrels of oil equivalent/ thousand	
MMscfpd	Million standard cubic feet per day (gas)	
Bopd/boepd	Barrels of oil (equivalent) per day	
TD	Total Depth	The depth of the bottom of the well
MD	Measured Depth	The total length of the wellbore measured along the actual well path
TVD	True Vertical Depth	The vertical distance from a point in the well (usually the current or final depth) to a point at the surface, usually the elevation of the rotary kelly bushing (RKB)
TVT	True Vertical Thickness	The thickness of a bed or rock body in a well measured in the vertical direction at a point
boe	Barrels of oil equivalent	1 mcf of natural gas contains ~1/6 of the energy of a barrel of oil; Calculated equivalent of a barrel of oil's energy from liquids and gas
WI	Working Interest	an interest in an oil and gas lease that gives the owner of the interest the right to drill and produce oil and gas on the leased acreage. It requires the owner to pay a share of the costs of drilling and production operations.
NRI	Net Revenue Interest	the total revenue interest that an entity owns in a particular oil or gas production unit, such as a lease, well, or drilling unit.



Competent Persons and Cautionary Statements

Competent Persons Statement

The information in this report that relates to oil and gas resources in relation to the Gulf Coast Package (Lightning, Mustang, Beluga, Oil Lake, Tarpon and Mallard) in the Gulf of Mexico was compiled by technical employees of Hilcorp Energy Company, the Operator of the Gulf Coast Package, and subsequently reviewed by Mr Will Armstrong BS in Geology, MS in Geology (Applied Geophysics), who has consented to the inclusion of such information in this report in the form and context in which it appears.

The information in this report that relates to oil and gas resources in relation to Green Canyon 21 (GC 21) in the Gulf of Mexico was compiled by technical employees of Talos Energy and reviewed by Mr Will Armstrong BS in Geology, MS in Geology (Applied Geophysics), who has consented to the inclusion of such information in this report in the form and context in which it appears.

Mr Armstrong 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 Armstrong. Mr Armstrong 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 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.



Competent Persons and Cautionary Statements

Prospective Resources

Prospective resource estimates in this report for SM 71 are prepared as at 30 June 2018. Refer to the ASX release of 6 August 2018. The Gulf Coast Package prospective resource estimates in this report are effective as at 30 June 2018. The prospective resources information in this document for GC 21 is effective as at 22 February 2019.

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. The prospective resource estimates have been prepared using the deterministic method except for the Gulf Coast Package and Green Canyon 21 which have used the probabalistic method. The prospective resources information in this document is reported according to the Company's economic interest in each of the resources and net of royalties. The prospective resources information in this document has been estimated using a 6:1 BOE conversion ratio for gas to oil; 6:1 conversion ratio is based on an energy equivalency conversion method and does not represent value equivalency. The estimates are un-risked and have not been adjusted for either an associated chance of discovery or a chance of development. The prospective resources information in this document has been estimated on the basis that products are sold on the spot market with delivery at the sales point on the production facilities. Prospective resources are reported on a best estimate basis. 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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