



# ASX RELEASE

## *Bridgeport Energy Limited – 2018 Petroleum Reserves and Contingent Resources Statement*

18 September 2018

New Hope Corporation Limited (ASX:NHC) hereby announces its formal assessment of its petroleum reserves and contingent resources held through its wholly-owned subsidiary Bridgeport Energy Limited (“BEL”) in accordance with ASX listing rule 5. Bridgeport’s net 2P reserves and 2C resources as at 1 August 2018 were as follows:

- 2P reserves of 5.6 million barrels of oil; and
- 2C resources of 11.4 million barrels of oil.

NHC is releasing its petroleum reserves (held through BEL) for the first time and provides the following explanatory information in respect of this release and in accordance with the ASX listing rules for oil and gas reporting entities.

BEL has been operating oil projects since 2009 and has a licence to operate petroleum production. The company currently operates oil production from 10 petroleum leases in Queensland and holds exploration tenements in Queensland, South Australia and Victoria. The company also has non-operated interests in the Cuisinier and Naccowlah joint ventures, which Santos Limited operates. All of the Company’s petroleum interests are located onshore Australia.

BEL has utilised the Petroleum Resources Management System released by the Society of Petroleum Engineers (updated June 2018) with subsequent appending documentation as its standard for reserves and resources determination.

BEL acquired its oil producing tenements as existing primary recovery assets comprising the following principal fields; Utopia (PL 214), Inland (PL 98), Moonie (PL 1), Cuisinier (PL 303) and Bodalla South-Kenmore-Black Stump (PLs 31, 32 and 47). Another four satellite oil fields (in PLs 256, 482, 483 and 484) were acquired as part of the Kenmore-Bodalla transaction.

BEL operates its fields under standard Environmental Authorities as issued by the Queensland Department of Environment and Science which are attached to, and a condition of, each petroleum lease. BEL continues to operate the fields in accordance with regulatory standards and undertakes remedial work on wells and production facilities to optimise oil production (excluding the Cuisinier and Naccowlah fields which are operated by Santos). All of the production wells produce oil using artificial lift comprising either beam pump, jet pump or electric submersible pump. The fields are well defined with 2D or 3D seismic and have been producing for many years. Part of the 2C contingent resource base incorporates a plan to utilise CO<sub>2</sub> for injection and miscible sweep into one of the fields to enhance oil production and recovery factors even further. This method of enhanced recovery of oil is commonly used to extend production from mature fields in North America. BEL does not currently produce any unconventional petroleum resources, but it is planning to test the technical viability of a shale petroleum play in southwest Queensland in the next year.

BEL presently sells its crude oil to one of three sales points; the Caltex refinery (Brisbane, Queensland), the IOR refinery (Eromanga, Queensland) or to the Santos-operated Cooper Basin Joint Venture via Moomba, South Australia). All BEL crude oil is trucked, except for the Cuisinier field (PL 303) and some of the Naccowlah crude in southwest Queensland, which is transported by pipeline. The majority of current production is sold within Queensland for refining and domestic consumption. All production is sold at a premium to dated Brent, which is a standard crude oil marker used for sale of Australian crudes.

Bridgeport's net reserves and contingent resources as at 1 August 2018 are summarised as follows:

<b>Net Reserves</b> (as at 1 August 2018)	<b>1P</b> (Mbbls)	<b>2P</b> (Mbbls)	<b>3P</b> (Mbbls)
Oil	3,229	5,581	8,687
<b>Net Contingent Resources</b> (as at 1 August 2018)	<b>1C</b> (Mbbls)	<b>2C</b> (Mbbls)	<b>3C</b> (Mbbls)
Oil	7,567	11,405	20,535

Notes:

1. Mbbls = thousand barrels.
2. Petroleum reserves have been prepared using principally deterministic methods, supported by field reservoir modelling where available.
3. Contingent resources (2C) have been estimated using a combination of deterministic and probabilistic assessments.
4. BEL aggregates reserves (1P, 2P and 3P) and contingent resources (1C, 2C and 3C) using arithmetic summation.
5. The economic assumptions used to evaluate each project are commercially sensitive. Reserves have been assessed as economic using discounted cash flow methods in compliance with PRMS guideline. Costs have been estimated using actual costs and reasonable estimates of forecast future costs. Oil prices have been forecast using reasonable estimates of future prices.
6. The reference points are at each field where crude oil is sold into a road tanker, except for the Surat where the reference point is Caltex in Brisbane and for Cuisinier and Naccowlah where the reference point is at the Moomba plant inlet.
7. Reserves reported include fuel consumed in operations at each field; totalling 321 1P, 533 2P and 752 3P Mbbls.
8. In accordance with the SPE-PRMS guidelines, only infill wells or similar projects are captured as 2P reserves.
9. 2C resources include: additional workover or drilling opportunities as per SPE-PRMS guidelines, uncommitted infill drilling opportunities, and enhanced recovery projects such as waterflood or CO<sub>2</sub> miscible sweep.

Commenting on the reserves statement, Bridgeport's CEO Chris Way said,

“This is the first public release of reserves and resources by the Company, which represents the platform on which we will grow our petroleum portfolio. Future growth is expected to come from organic additions through the drill bit and also from strategic acquisitions of producing assets primarily in the onshore Cooper/Eromanga and Surat basins.”

Yours sincerely,  
**Bridgeport Energy Limited**



Chris Way  
Chief Executive and Chief Operating Officer

For more information, please contact:

**CORPORATE AND OPERATIONS**

Chris Way      Chief Executive and Chief Operating Officer      P: +61 2 8960 8400

**TECHNICAL**

Barry Smith      Chief Technical Officer      P: +61 2 8960 8400

## Statutory notes to the reserves statement:

Bridgeport Energy prepares its petroleum reserves and resource estimates in accordance with the SPE Petroleum Reserves Management System (SPE-PRMS) published by the Society of Petroleum Engineers (updated June 2018). Bridgeport Energy is a six-year member company of the Australian Petroleum and Production Exploration Association of Australia (APPEA).

All estimates of reserves and resources reported by Bridgeport are prepared by, or under the stewardship of, a qualified reserves and resources evaluator, reviewed by competent persons. RISC Advisory Pty Ltd then independently audited the reserves (1P-2P-3P) and contingent resources (1C-2C-3C). To ensure the integrity and reliability of the data used in the reserves estimation, the raw data have been reviewed and quality checked by senior professional production, reservoir, geological and geophysical staff at Bridgeport. This is the first formal release of reserves and resources data to the market by Bridgeport via its parent New Hope Corporation Limited. However, data from prior year's resource reviews undertaken by the company have been considered in the preparation of this report including due diligence work undertaken when various Bridgeport assets were acquired.

The reserves and resources statement summary in this report is based on and fairly represents information and supporting documentation prepared or reviewed by qualified petroleum reserves and resources evaluators who are full time employees of Bridgeport Energy Limited:

Mr Barry Smith, holding the position of Chief Technical Officer of Bridgeport Energy, has a Bachelor of Science (Hons) and is a member of the American Association of Petroleum Geologists, the Petroleum Exploration Society of Australia (Fellow) and the Society of Exploration Geophysicists. He has 40 years industry experience and is qualified in accordance with ASX listing rule 5.41 and has consented to the inclusion of the reserves and resources information in this report in the form and context in which it appears.

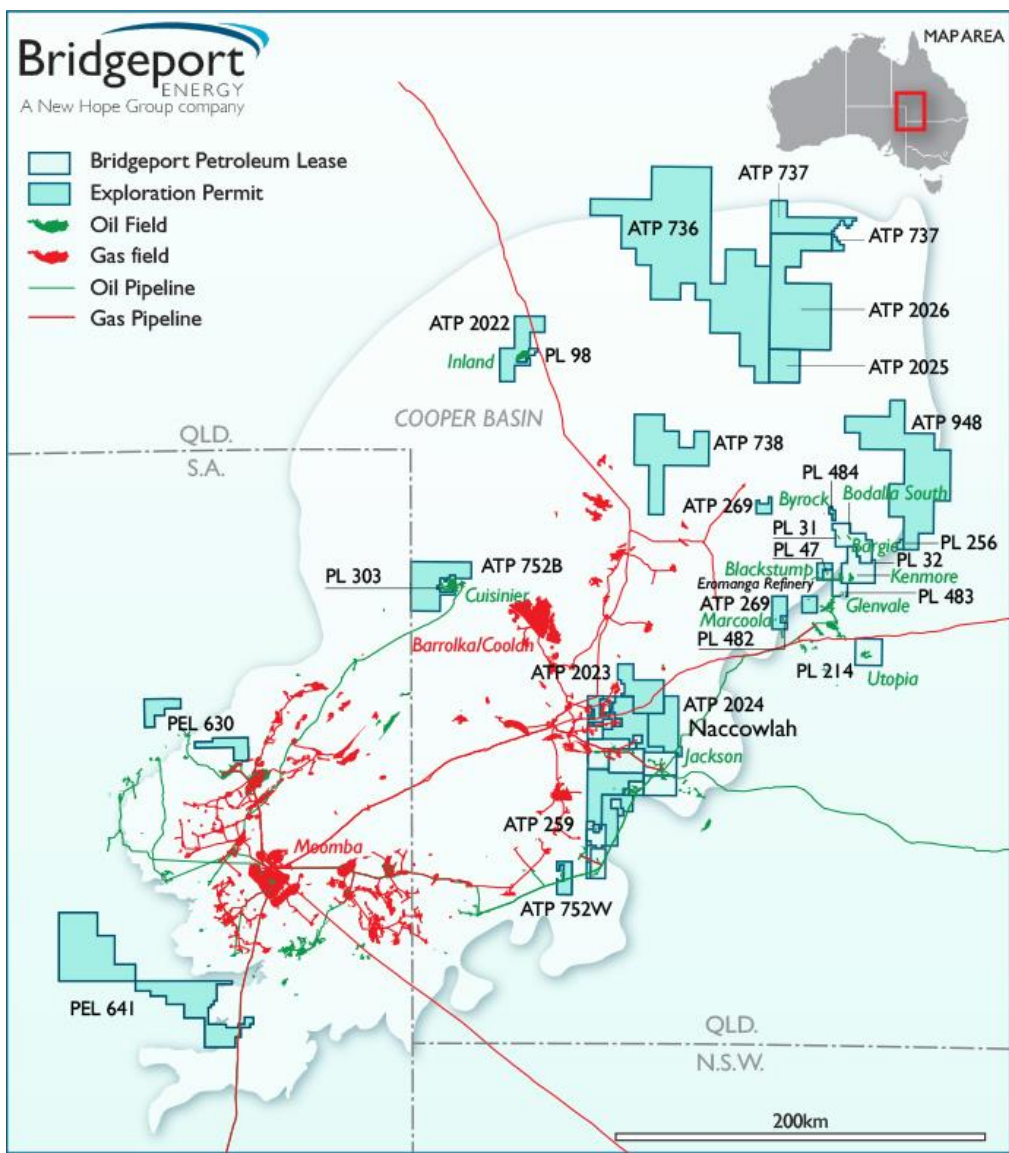
Mr Chris Way, holding the joint position of Chief Executive Officer and Chief Operating Officer of Bridgeport Energy, has a Bachelor of Science (Hons Geology) and a Bachelor of Engineering (Mechanical), is a CPEng and a 35 year member of the Society of Petroleum Engineers, is qualified in accordance with ASX listing rule 5.41 and has consented to the inclusion of the reserves and resources information in this report in the form and context in which it appears.

## Summary of Petroleum Leases:

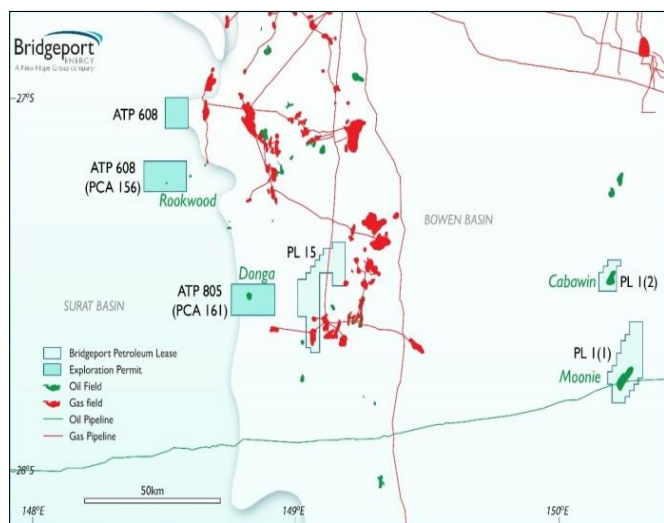
	Tenements	Working interest	Gross Area (km <sup>2</sup> )	Net Area (km <sup>2</sup> )
PL 31	Bodalla South*	100%	258	258
PL 32	Kenmore*	100%	258	258
PL 47	Black Stump*	100%	28	28
PL 98	Inland*	100%	40	40
PL 214	Utopia*	100%	220	220
PL 303	Cuisinier	15%	64	10
Various PLs	Naccowlah Fields	2%	1,477	30
PLs 256/482/3/4	Kenmore-Bodalla Satellite Fields (4)*	93.9%-100%	45	44
PL 1	Moonie*	100%	201	201

Note: \*refers to BEL-operated

**APPENDIX A – TENEMENT HOLDINGS**



**Bridgeport Energy’s Cooper-Eromanga Basin Assets**



**Bridgeport Energy’s Surat-Bowen Basin Assets**

## APPENDIX B – NET 2P RESERVES AND 2C CONTINGENT RESOURCES BY BASIN (AS AT 1 AUGUST 2018)

	2P Oil Reserves (Net to BEL)			2C Oil Reserves (Net to BEL)		
	Developed	Undeveloped	Total	Post Economic Life	Undeveloped	Total
	(Mbbbls)	(Mbbbls)	(Mbbbls)	(Mbbbls)	(Mbbbls)	(Mbbbls)
Cooper Basin	2,567	2,187	4,754	2,281	1,126	3,406
Surat Basin	438	389	827	111	7,888	7,999
<b>Total</b>	<b>3,005</b>	<b>2,576</b>	<b>5,581</b>	<b>2,391</b>	<b>9,014</b>	<b>11,405</b>

### Notes:

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4. *BEL aggregates reserves (1P, 2P and 3P) and contingent resources (1C, 2C and 3C) using arithmetic summation.*
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