

# **ASX / MEDIA RELEASE**

26 April, 2019

# FOURFOLD OIL INVENTORY BOOST ONSHORE ITALY FOR AUSTRALIA'S PO VALLEY

# **Highlights:**

- Maiden Prospective Resources (best estimate) 106 million barrels (MMbbl) assigned to Po Valley's onshore Torre del Moro oil gas condensate and (best estimate) 54.5 MMbbl to Bagnolo SW oil exploration prospects in northern Italy
- 334% increase in 2C Contingent Resources at adjacent Bagnolo in Piano to 27.3MMbbl and Ravizza (16.1MMbbl) oil discoveries
- Geological and geophysical work will advance all three projects and identify potential well locations

Australia's Po Valley Energy Limited, ("Po Valley" or "The Company") is pleased to announce maiden oil and gas condensate Prospective Resource estimates for its large onshore oil exploration holdings in northern Italy.

The gains cover the Torre del Moro Exploration Licences southeast of Bologna, the Bagnolo SW prospect in Cadelbosco licence, and a large 334% increase in the 2C resources in its Bagnolo in Piano and Ravizza oil fields in the Cadelbosco Grattasasso Exploration Licences.

These two oil fields and the oil / condensate prospects are 100%-owned by Po Valley.

The maiden Prospective Resources estimates for Torre del Moro and Bagnolo SW prospects were validated by France's respected independent geological and petroleum reservoir consultancy, CGG. This followed the purchase and interpretation of 2D seismic data across the Torre del Moro prospect and review and seismic reinterpretation of Cadelbosco / Grattasasso data along with regional well available data and a structural study review.

The evaluation of Torre del Moro's newly purchaed seismic data defines a clearly structurally closed large faulted ramp anticline feature, structurally and geologically similar to the already discovered Villafortuna oil field in northern Italy's Po Valley river area (in excess of 300MMBBls of 41 api oil already produced). The active petroleum system is demonstrated by the oil shows in the nearby Sarsina 1 well drilled down-dip from Po Valley's Torre del Moro prospect.

The very significant upgrade in the estimated 2C resources in Bagnolo in Piano and Ravizza oil discoveries from 5.6 million and 4.4 million barrels respectively to 27.3 million and 16.1 million barrels flows from fresh seismic revision and geological evaluation work enhancing structure volumes and recovery factors increase derived from the use of horizontal development wells (extensively drilled in these reservoirs) properly addressing the fracture system defined with this structural revision. In addition, available data of similar oil fields such as Cavone and Villafortuna were utilised.



As well as these Contingent Resources estimates, the seismic/geological revision carried out over the licence allowed the definition of a new Prospective Resource of 54.5 million barrels (best estimate) has been defined in the Bagnolo SW prospect, being a geological / structural southwestern extension of the Bagnolo in Piano oil discovery.

"Torre del Moro, Bagnolo in Piano, Ravizza and Bagnolo SW represent four large oil onshore prospects and discoveries which add further substantial scale and upside to the Po Valley portfolio," the Company's Chief Executive, Mr Michael Masterman, said today.

"The Po Valley and CGG evaluations highlight the potential for large-scale onshore gas condensate and oil development in the Torre del Moro and Cadelbosco / Grattasasso assets."

# TORRE DEL MORO PROSPECT TOP RESERVOIR DEPTH MAP

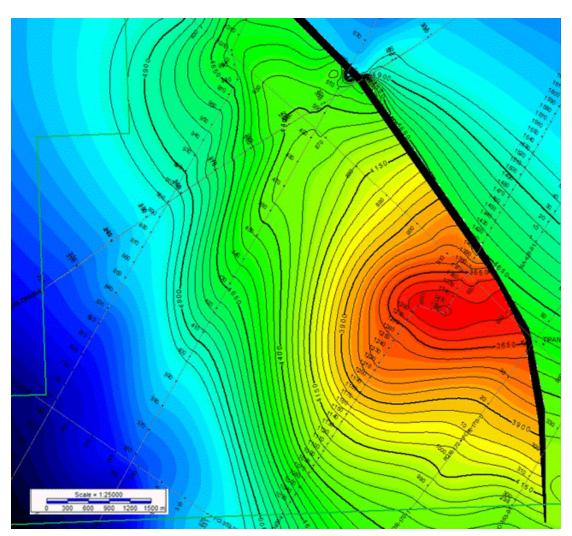




Table 1: Bagnolo in Piano and Ravizza Contingent Resources\*

Bagnolo in Piano Ravizza Contingent Resources (MMbbl) - April 2019									
	1C	2C	3C	CoS%					
Bagnolo in Piano	6.6	27.3	80.6	70%					
Ravizza	2.8	16.1	41.6	70%					

<sup>\*(</sup>deterministic method)

Note: Contingent Resources are the volumes estimated to be potentially recoverable if appraisal is successful and the discovery is fully developed. The CoS factor tabulated means the estimated chance that the volumes will be commercially extracted.

Table 2: Torre del Moro and Bagnolo SW Prospective Resources\*

Torre del Moro, Bagnolo SW Prospective Resources (MMbbl) - April 2019									
	Gross			Net Attributable to Po Valley			CoS%		
	Low	Best	High	Low	Best	High	C05%		
Torre del Moro	65.0	106.0	240.0	65.0	106.0	240.0	11%		
Bagnolo SW	22.1	54.5	112.0	22.1	54.5	112.0	34%		

<sup>\*(</sup>deterministic method)

Note: Prospective resources are the volumes estimated to be potentially recoverable from undiscovered accumulations through future development projects. Prospective resources have both an associated chance of discovery and a chance of development. The CoS factor tabulated relates to the estimated chance of discovering hydrocarbons in sufficient quantity for them to be tested to the surface.

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

### **MEDIA CONTACT:**

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The CGG report is attached to this release.



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### PO VALLEY'S GAS-OIL LICENCES IN NORTHERN ITALY

# Resource Estimate background:

The updated CGG CPR (24 April 2019) is based on information gained from recent purchase of 2D seismic data across the Torre del Moro prospect and associated regional well and structural information derived from seismic and geological and geophysical evaluation work on the nearby existing oil fields.

### **Key Assumptions and Notes:**

- The reserves and resources review is based on the CGG report dated 24 April 2019.
- Reserves and resources have been evaluated in accordance with Petroleum Resourced Management Systems (2007 and 2011) as published by the Society of Petroleum Engineers (SPE).
- The volumes associated with the Bagnolo in Piano/Ravizza oil discoveries and Torre del Moro prospect have been
  updated since the previous CPR according to the positive recent geological/geophysical work carried out by PVO
  over the Cadelbosco, Grattasasso and Torre del Moro exploration licences integrated with all geological and historic
  production data of existing nearby oil fields.

### The Qualified Petroleum Reserves and Resources Evaluator Statement

The estimates in this report that relates to the oil and gas Reserves and Contingent and Prospective Resources are based on, and fairly represents information and supporting documentation prepared by or under the supervision of Andrew Webb, Manager of Petroleum Reservoir and Economics of CGG Services (UK) Limited ('CGG') Reference no 8P512. CGG has compiled these estimates to confirm with the definitions of the Petroleum Resourced Management Systems (2007 and 2011) as published by the Society of Petroleum Engineers (SPE). The estimates were prepared as part of a CPR dated 24 April 2019 which has been lodged by Po Valley Energy with the ASX in conjunction with this release and will be loaded on the Po Valley website. Mr Webb 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 Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

### A Note Regarding Forward Looking Information

This announcement includes certain statements related to our future business and financial performance and future events or developments involving Po Valley Energy Limited ('PVE' or 'the Company') that may constitute forward-looking statements. All statements, other than statements of historical fact, that refer to any future oil and gas production, resources or reserves, exploration results and events that the Company expects to occur are forward-looking statements. Although the Company believes that the expectations in those forward looking statements are based upon reasonable assumptions, such statements are not a guarantee of future performance and actual results or developments may differ materially from the outcomes anticipated. This may be due to several factors, including market prices, exploration and exploitation success, and the continued availability of capital and financing, plus general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance, and actual results or performance may differ materially from those projected in the forward-looking statements. The Company does not assume any obligation to update or revise its forward-looking statements, whether as a result of new information, future events or otherwise.