



Date: 16 January 2025

ASX Code: CND

#### Capital Structure

Ordinary Shares: 586,333,677  
Current Share Price: 1.9c  
Market Capitalisation: \$11.1M  
Cash: \$1.4M (Sept. 2024)  
EV: \$9.7M  
Debt: Nil

#### Directors

Matt Ireland  
Non-Executive Chairman

Scott Macmillan  
Non-Executive Director

Serge Hayon  
Managing Director

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# Piedra Redonda Gas Field Best Estimate Resource of 1 Tcf

## Highlights

- **Best Estimate (2C) Contingent Resource of 1 trillion cubic feet (Tcf) (Gross) & High Estimate (3C) of 2.65 Tcf (Gross) of gas in Piedra Redonda located within Condor's Tumbes Technical Evaluation Agreement (TEA), offshore Peru**
- **147% increase in 2C Resources and 513% increase in 3C Resources with significant additional upside to be targeted in future appraisal drilling campaign**
- **Resource assessment completed by RISC Advisory based on newly reprocessed seismic data and interpretation integrated with geological, petrophysical, and geophysical studies.**
- **Piedra Redonda now ranks as one of the largest undeveloped offshore gas discoveries on the west coast of South America**
- **Potential for additional Piedra Redonda look-alike prospects along strike in the Mancora gas play**
- **Interpretation of Miocene oil play exploration prospects are well advanced with prospective resource estimates for high-graded prospects in progress.**

Condor Energy Limited (ASX: CND) (**Condor** or **Company**) is pleased to announce the independent assessment of the Piedra Redonda gas field resource, with an updated Best Estimate (2C) Contingent resource of 1 trillion cubic feet (Tcf) of gas (802 Bcf net to Condor), by RISC Advisory (RISC), a leading international independent resource auditing firm. This is a significant upgrade (147% increase) from the previous Best Estimate (2C) Contingent resource of 404 Billion cubic feet (Bcf)<sup>1</sup>.

Please see the Notes in the Appendix for further information relating to the estimation of Contingent Resources.

The Piedra Redonda gas field is located, in its entirety, within Condor's (80% holder) 4,858km<sup>2</sup> oil and gas Tumbes Technical Evaluation Agreement LXXXVI (TEA or block) offshore Peru.

### Managing Director Serge Hayon commented:

*"We are thrilled to announce the substantial increase in contingent resources for the Piedra Redonda gas field which contains an independently assessed best estimate of 1 trillion cubic feet (2C gross)."*

*"Piedra Redonda now ranks as one of the largest undeveloped offshore gas discoveries on the west coast of South America and dramatically increases the value and strengthens our position in the Tumbes basin."*

<sup>1</sup> See the Company's announcement dated 18<sup>th</sup> of March 2024



*“Piedra Redonda is located in shallow water and proximal to potential markets and following the positive results of this independent assessment and substantial increase to the resource base the commercialisation and field development options have expanded considerably.*

*“Our focused initial work program and high-quality technical work to mature the Tumbes TEA through integrating the newly reprocessed and interpreted seismic data and petrophysical, geological and basin modelling studies has delivered an excellent result.*

*“The material discovered resource along with our inventory of over 20 prospects and leads in a proven but underexplored basin, underscores the substantial existing value and high potential within the TEA.”*

**Piedra Redonda Independent Contingent Resource Estimate**

Condor has completed a resources review following the reprocessing of 3D seismic over the Piedra Redonda discovery, the updated mapping, petrophysical review and integrated geological interpretation.

RISC has independently certified updated estimates as of 13 January 2025, with a Best Estimate (2C) gross Contingent Resource of 1 Trillion cubic feet of gas (**Tcf**) (802 Bcf net to Condor) from the existing discovery well C-18-X and C-13-X appraisal well, in the Piedra Redonda field. Please see the Notes in the Appendix relating to the estimates for further information.

<b>Tumbes TEA</b>	<b>CONTINGENT GAS RESOURCE ESTIMATE</b>		
<b>Piedra Redonda</b> <i>Mancora Formation</i>	<b>Low Estimate - 1C</b> (Bcf)	<b>Best Estimate - 2C</b> (Bcf)	<b>High Estimate - 3C</b> (Bcf)
<b>Gross (100%)</b>	336	1,003	2,649
<b>Net (80% CND)</b>	269	802	2,119

**Table 1** –RISC contingent gas resource estimate for the Piedra Redonda gas field relate to estimated recoverable discovered resources estimated as of 13 January 2025

Please see the Notes in the Appendix for further information relating to the estimation of Contingent Resources.

The best estimate resources are based on the area illustrated in Figure 3, which highlights the potential for significant additional upside, particularly along the interpreted eastern edge of the stratigraphic pinch-out that defines the Piedra Redonda structure, as detailed below.

Additional appraisal activities will help define the potential upside and further enhance the estimation of Gross Rock Volume (GRV) and net-to-gross ratios, particularly up dip from the C-18-X discovery well.

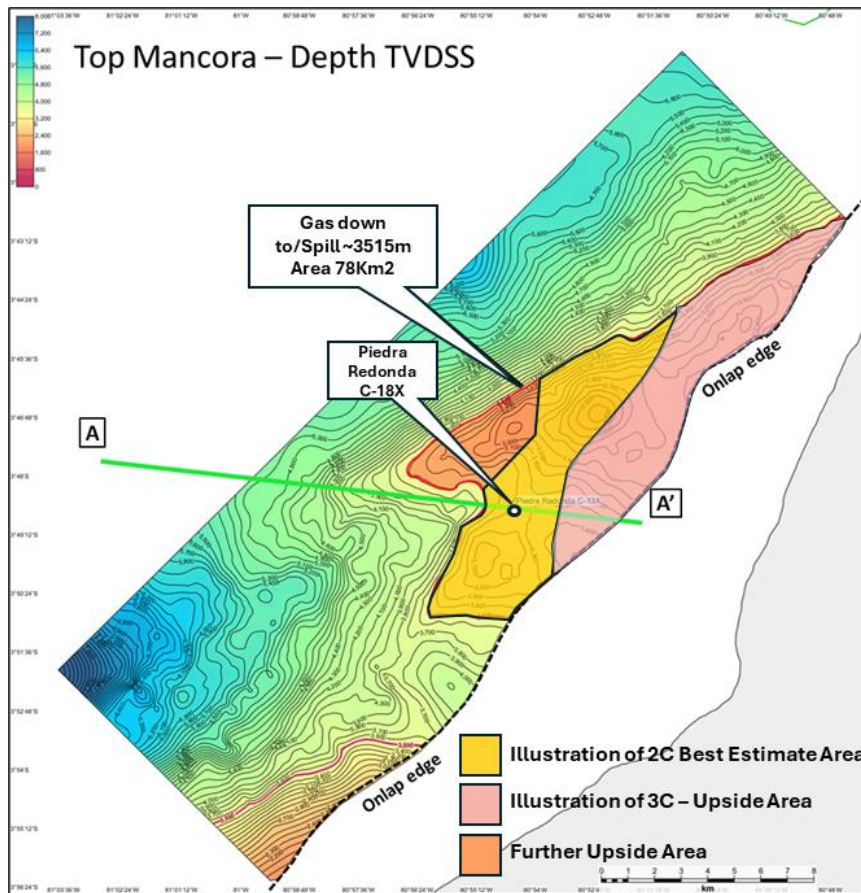


Figure 1 – Structure map of the top of the Mancora Formation. The Best estimate (2C) was calculated over the orange highlighted area (highlighted area is indicative only). Additional appraisal up dip of CX-18 well will help refine and determine potential upside.

### **Maturing Multiple Prospects in Proven Miocene Oil Play for New Resource Estimates**

Condor continues to mature our leads and prospects inventory within the TEA outboard of Piedra Redonda gas field. The company has high graded a number of oil prospects and is in the advanced stages of completing more detailed mapping over these prospects and performing resource estimates.

Once complete Condor will engage an independent auditor to review and certify resources for the selected high graded oil prospects. This will further showcase the diversity and size of opportunities within our TEA.

### **Background on Piedra Redonda Gas Field**

The company has updated its interpretation of the field based on the reprocessed 3D seismic data, which has revealed that the trap in the Piedra Redonda field is likely the result of stratigraphic onlap and pinch-out or combination stratigraphy and structural trap, rather than a structural fault-bound trap as previously interpreted (Figure 1). The onlap of the Mancora Formation reservoirs against a structural high coincident with the coastline appears to be the main trapping mechanism (Figures 2).

This updated understanding of the trapping style indicates that there is both stratigraphic and structural potential in the basin, creating new opportunities for future exploration and development.

This also opens up additional prospectivity along strike, with the new mapping of the discovery suggesting the potential for repeated gas accumulations using the same trapping style.

The new seismic interpretation (Figure 1) shows that faults present in the shallow section of the field detach into over-pressured shales of the overlying Heath Formation, a typical structural style in the basin. Crucially, these faults largely do not penetrate the Mancora Formation, suggesting relatively unfaulted reservoirs and favourable conditions for trap integrity and longevity.

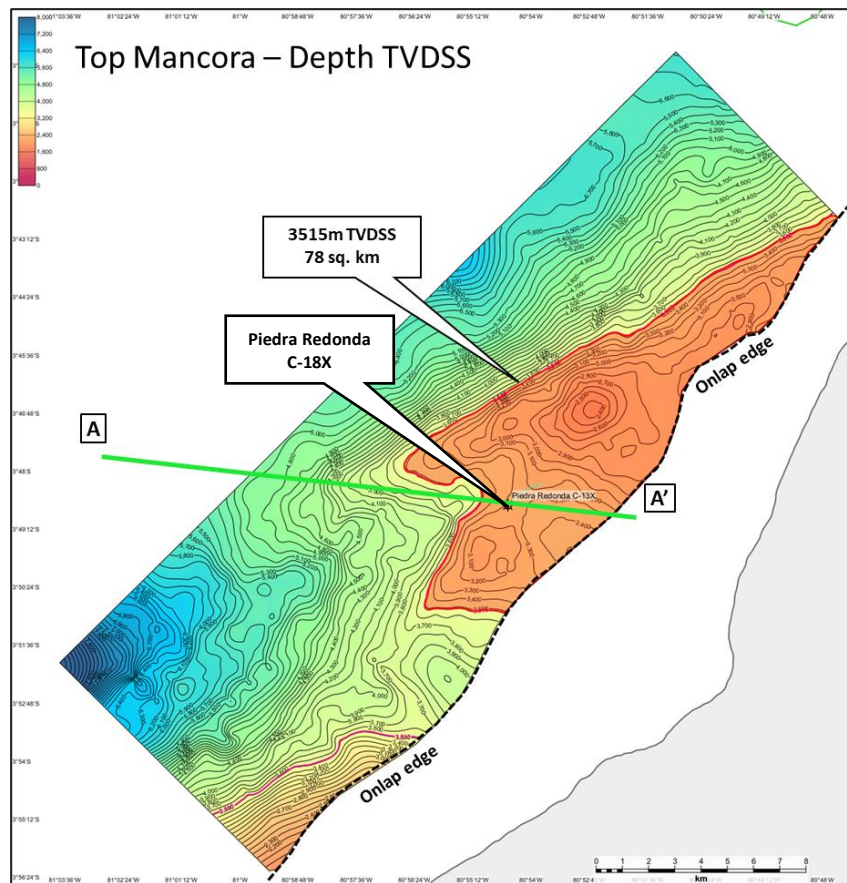


Figure 2 – Structure map of the top of the Mancora Formation The section A-A', is the seismic line in Figure 2. Additional 2D seismic data were used to complete the map.

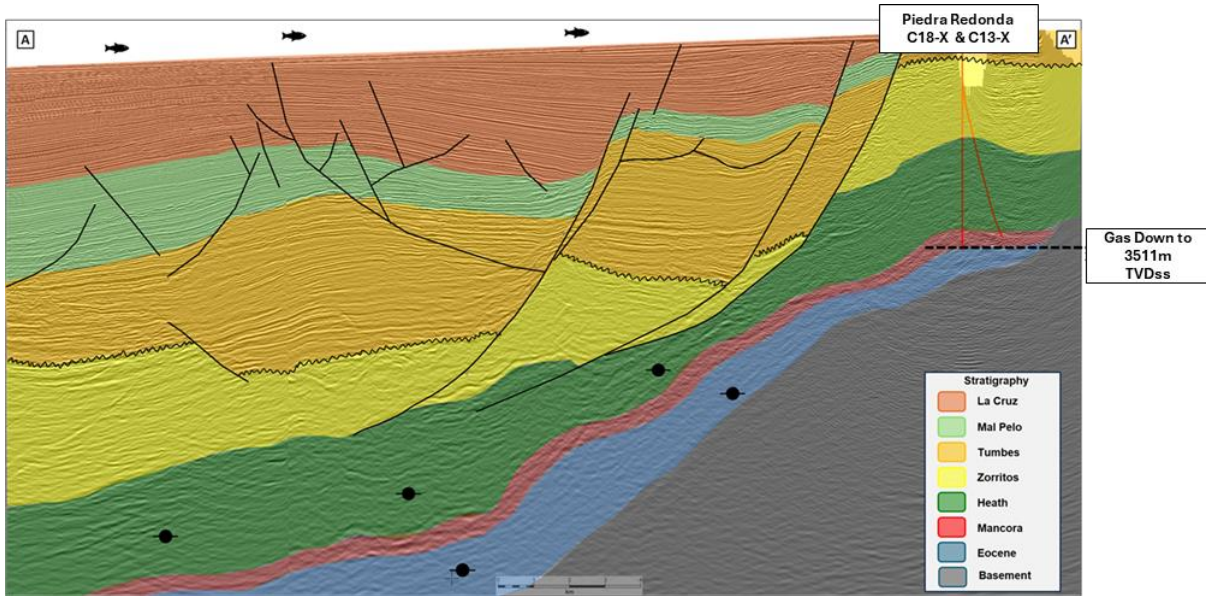


Figure 3 – Interpreted seismic line through the Piedra Redonda Field showing onlap and pinchout of the Mancora Formation against a structural high to create a stratigraphic trap. The determination of Gas Down to (GDT) was determined from petrophysical analysis of the logs from Piedra Redonda 18-X and 13-X.

The presence of gas was proven in 1978 by the C-18-X well which was drilled in 55m of water and flowed at a maximum rate of 8.2 million cubic feet per day on ½” choke from a limited 36 feet net pay interval out of estimated total 152 feet net pay interval.

Follow up well C-13-X, drilled in 1984 approximately 1.6 km up-dip from C-18-X, produced gas shows and indicated good sand development in the Mancora Formation, however drilling was not completed due to mechanical problems prior to reaching planned TD in the base of the Mancora and the well was unable to be tested.

### About the Tumbes Basin TEA

A Technical Evaluation Agreement (TEA) is an oil and gas contract that provides the holder with the exclusive right to negotiate a Licence Contract over the TEA area.

In August 2023 the Company, with its partner Jaguar Exploration, Inc. (Jaguar), entered into the 4,858km<sup>2</sup> TEA LXXXVI offshore Peru with Perupetro (Figure 3). The TEA area covers almost all of the Peruvian offshore Tumbes Basin in shallow to moderate water depths of between 50m and 1,500m.

The under-explored block is surrounded by multiple historic and currently producing oil and gas fields and contains the undeveloped shallow water Piedra Redonda gas field which contains ‘Best Estimate’ Contingent Resources of 1 Tcf (100% gross) of natural gas.

Condor is 80% holder of the TEA, with Jaguar and its nominees holding the remaining 20%.

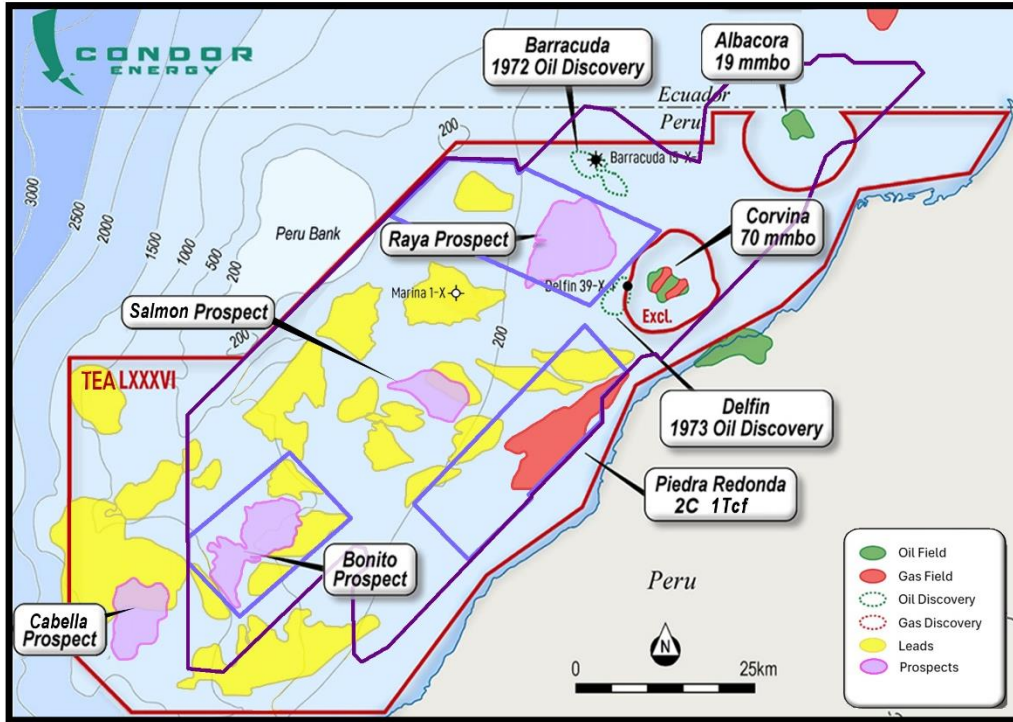


Figure 3 – TEA LXXXVI and extent of the completed 3D seismic reprocessing project.

Authorised by the Board of Condor Energy Limited.

**For further information please contact:**

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[info@condor-energy.com.au](mailto:info@condor-energy.com.au)

**Competent Persons Statement**

**RISC Advisory:**

The preparation of the resource estimates has been managed by Mr. Adam Craig who is an employee of RISC. Mr. Craig is a highly experienced Geoscientist, with over 30 years’ experience in the upstream oil & gas sector working for small and mid-size independents, as well as NOC related entities. He is a Certified Practising Geologist and member of the AAPG, a member of PESA (2021 – 2024 WA Branch President) and a Fellow of the Geological Society. He holds BSc in Geology from Curtin University, Western Australia and is a qualified petroleum reserves and resources evaluator (‘QPRRE’) as defined by ASX listing rules. RISC is an independent oil and gas advisory firm. All the RISC staff engaged in this assignment are professionally qualified engineers, geoscientists or analysts, each with many years of relevant experience and most have in excess of 20 years. RISC was founded in 1994 to provide independent advice to companies associated with the oil and gas industry. Today the company has highly experienced professional staff at offices in Perth, Brisbane, Jakarta and London, and has completed over 2,000 assignments in 70+ countries for nearly 500 clients. RISC’s services cover the entire range of the oil and gas business lifecycle.



**Condor Energy:**

The information in this report is based on information compiled or reviewed by Mr Serge Hayon, Managing Director of Condor Energy Limited. Mr Hayon is a Geoscientist and Reservoir Engineer with more than 24 years' experience in oil and gas exploration, field development planning, reserves and resources assessment, reservoir characterisation, commercial valuations and business development. Mr Hayon has a Bachelor of Science (Hons) degree in Geology and a Master of Engineering Science in Petroleum Engineering from Curtin University and is a member of the Society of Petroleum Engineers (SPE).

## APPENDIX

### Notes – Piedra Redonda Contingent Resources

1. The estimated quantities of Contingent Resources are those quantities of petroleum which are estimated, as of a given date, to be potentially recoverable from known accumulations, but for which the project or projects are not yet considered mature enough for commercial development because of one or more contingencies.
2. The recoverable hydrocarbon volume estimates were prepared by RISC Advisory and stated in the tables above have been prepared in accordance with the definitions and guidelines set forth in the Petroleum Resources Management System, (2018), approved by the Society of Petroleum Engineers.
3. The Contingent Resources were estimated based on the drilling of the discovery well C-18-X and subsequent flow test which demonstrated flow to surface of hydrocarbons. This updated estimate is based on a comprehensive evaluation incorporating the latest interpretation of reprocessed seismic data, along with a detailed review and reinterpretation of petrophysical and well test data. The revision of the gas resource numbers is primarily attributed to the mapping of newly reprocessed seismic data and the updated classification of resources in accordance with the Petroleum Resource Management System (PRMS) standards. Estimates are based on raw resource quantities.
4. The Contingent Resources were estimated contingent upon (1) establishing access to a gas market suitable for these volumes, (2) drilling to define the extent of the reservoir, including homogeneity of petrophysical parameters, (3) extended well testing to define commerciality, and (4) an approved development plan.
5. RISC consider the Contingent Resources to be categorised as Development Unclarified.
6. RISC's estimates were based on a combination of subsurface structure data, surface geology, and well log data. Subsurface structure maps were used where 2D seismic data were available, and the surface geology was used to interpret areal extents based on faulting patterns and formations seen in the log data. The log data was analysed to calculate net pay, porosity, and water saturation.
7. The evaluation date for the Contingent and Prospective Resources stated within this document is 13 January 2025 and were calculated using a probabilistic method. All Contingent Resources indicated within Table 1 are for a Gross 100% and Net 80% CND interest in the TEA and are net of government royalties as these are yet to be negotiated with Perupetro.