



ASX ANNOUNCEMENT

Date: 10 December 2024

ASX Code: CND

Capital Structure

Ordinary Shares: 586,333,677
Current Share Price: 2.0c
Market Capitalisation: \$11.7M
Cash: \$1.4M (Sep. 2024)
EV: \$10.3M
Debt: Nil

Directors

Matt Ireland
Non-Executive Chairman

Scott Macmillan
Non-Executive Director

Serge Hayon
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Piedra Redonda Gas Field: New Insights from Reprocessed Seismic Data & Petrophysics

Highlights

- Interpretation of newly reprocessed 3D seismic data suggests that the Piedra Redonda gas field is likely to be a stratigraphic trap, with significant implications for improved reservoir connectivity and potential for future development.
- Opens up a new play concept in the basin with scope for upside in the existing discovery and potential for multiple repeated accumulations along strike.
- Updated petrophysical analysis and review of the well data reaffirms the presence of a substantial gas column potentially more than 500m.
- New independent resource estimate based on updated seismic and petrophysics interpretation in progress.

Condor Energy Ltd (ASX: CND) (Condor or the Company) is pleased to provide an update on the Piedra Redonda Gas Field evaluation within the Tumbes Basin Technical Evaluation Agreement (TEA) offshore Peru.

Managing Director Serge Hayon commented:

"We are pleased with the progress we've made towards updating our resource estimates for the Piedra Redonda gas field and the new seismic and petrophysical studies have significant positive implications on the overall size and connectivity of the field."

"The substantial increase in the quality of reprocessed seismic data across Piedra Redonda has provided us with new insight and the ability to map a stratigraphic trap with improved reservoir connectivity than was previously possible using the legacy data."

"The presence of a large gas column, potentially up to 500m, and results of production testing over a limited interval of the well at commercial gas flow rates, enhances the project's resource potential and confidence to monetising the asset."

"An updated resource assessment is currently underway, incorporating the latest insights from the mapping of reprocessed seismic data and petrophysical evaluation and we look forward to delivering the results soon."

New independent resource assessment for Piedra Redonda in progress

The Company has completed a number of studies including an interpretation of the newly reprocessed 3D data over the Piedra Redonda field and a new petrophysical evaluation of the C-18X discovery well.

The significant improvement in quality of the reprocessed seismic data and subsequent interpretation studies has revealed the Piedra Redonda gas field is likely to be a stratigraphic trap as opposed to a series of faulted structural traps. This also has significant positive implications for improved reservoir connectivity across the Piedra Redonda gas field. In addition, there is increased upside prospectivity, including the potential for repeated traps along strike of the discovery.

From the updated petrophysical evaluation on the C-18X well a significant gas column can be interpreted, extending from the crest of the structure down to the observed base of the gas column in the C-18X well, with a height of over 500 meters.

The Company has undertaken this work in preparation for an updated independent resource estimate for the Piedra Redonda gas field which is in progress and anticipated to be completed shortly.

Updated interpretation from newly reprocessed 3D seismic data across Piedra Redonda

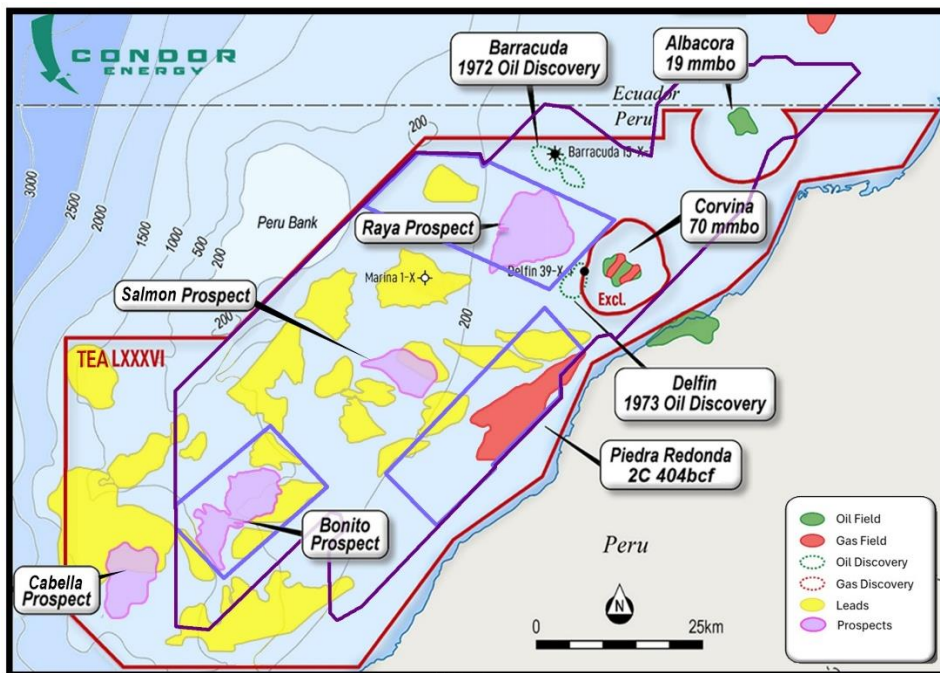


Figure 1 – Piedra Redonda Gas Field location and extent of the recently completed 3D seismic reprocessing project.

As reported on [2 September](#) to the ASX, the Company has recently reprocessed the existing 3D seismic data over the Piedra Redonda Field (Figure 1) through Advanced Geophysical Technologies of Houston.

The legacy data quality over the field was moderate to poor; however, the reprocessing has notably improved the data quality (Figure 2), providing new insights into the structure and trapping mechanisms of the accumulation.

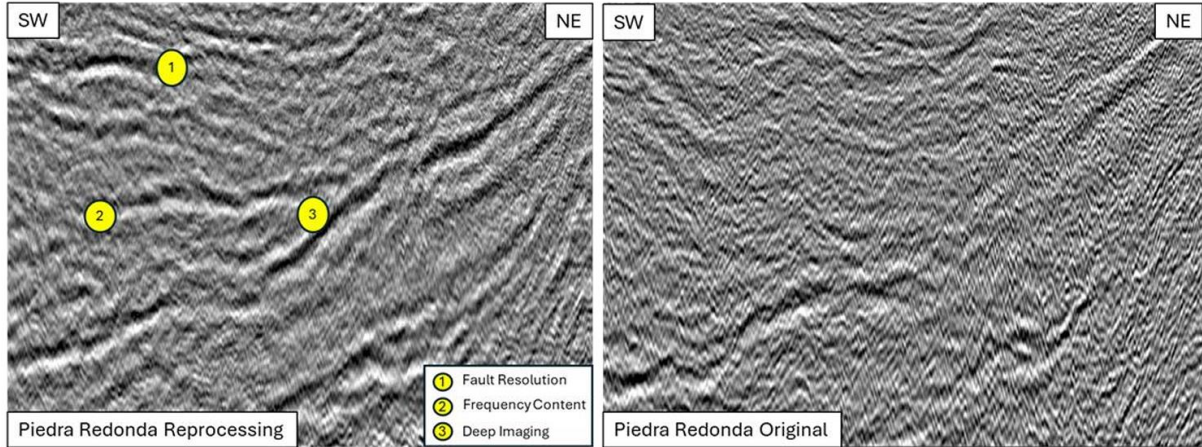


Figure 2 – Reprocessing of 3D seismic data over the Piedra Redonda Field has resulted in significant improvements in data quality with particular improvements in 1) fault resolution 2) frequency content and 3) deep imaging.

The reprocessed seismic data has revealed that the trap in the Piedra Redonda field is likely a result of stratigraphic onlap and pinch-out, rather than a structural fault-bound trap as previously interpreted. The onlap of the Mancora Formation reservoirs against a structural high coincident with the coastline appears to be the main trapping mechanism (Figures 3).

This new 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.

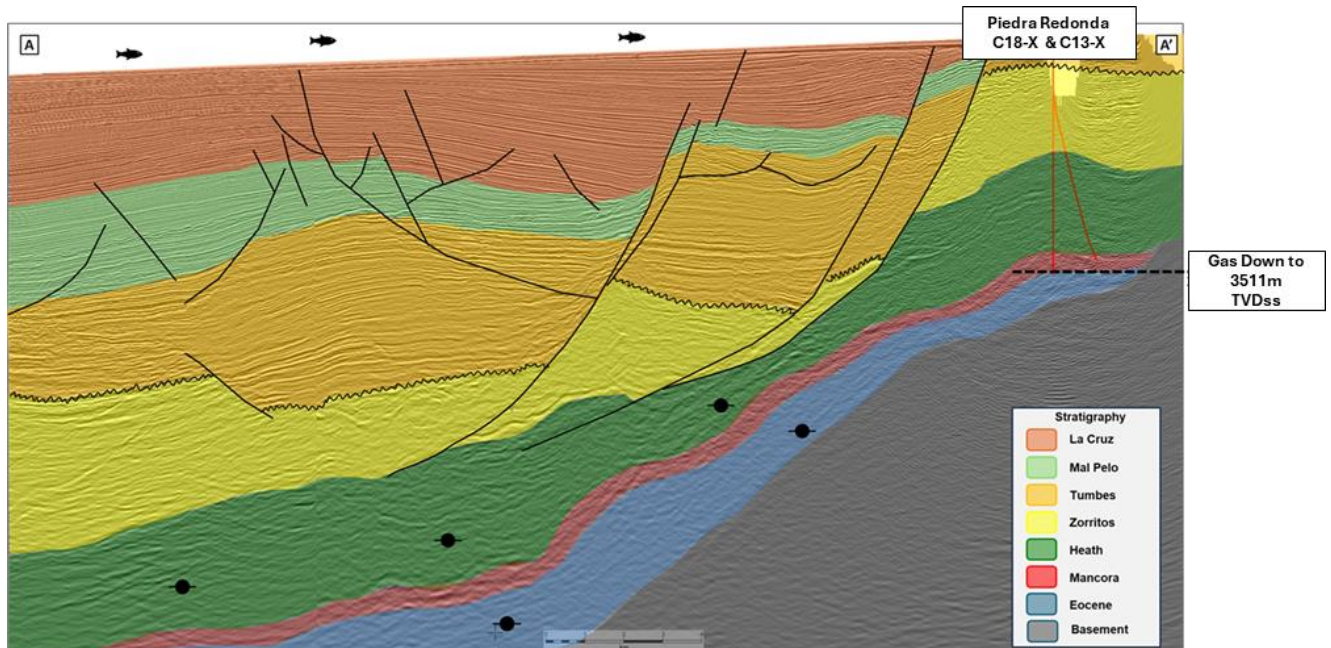


Figure 3 – Interpreted seismic line through the Piedra Redonda Field showing onlap and pinchout of the Mancora Formation against a structural high to create a stratigraphic trap. The determination of Gas Down to (GDT) was determined from petrophysical analysis of the logs from Piedra Redonda 18-X and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

The new seismic interpretation 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 do not penetrate the Mancora Formation, suggesting relatively unfaulted reservoirs and favourable conditions for trap integrity and longevity (Figure 5). This also has implications with potential for improved reservoir continuity.

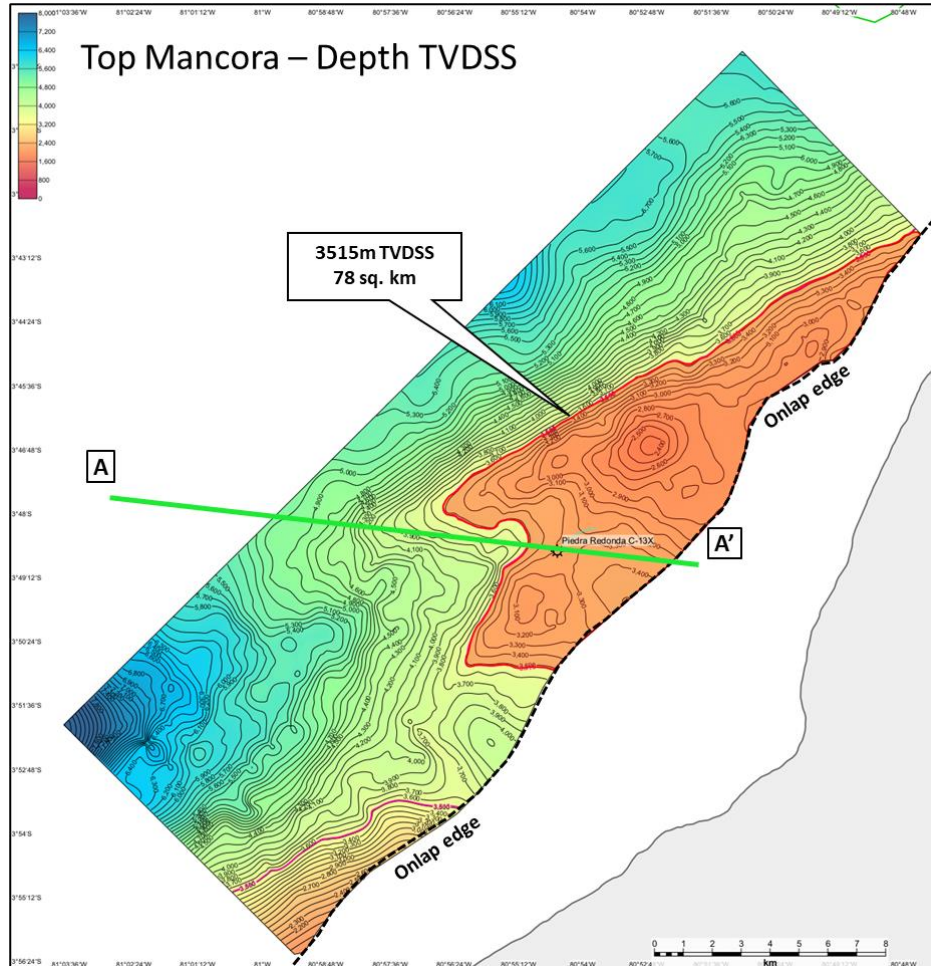


Figure 5 – Structure map of the top of the Mancora Formation. The section A-A' is the seismic line in Figure 2. Additional 2D seismic data were used to complete the map.

Updated petrophysical interpretation of C-18X discovery well

The Company has undertaken its own petrophysical evaluation of the Piedra Redonda well data to corroborate the various results found within legacy reports and to provide input data and understanding of ranges for our resource assessment.

Log-derived gas pay was recorded over the well, with the observed gas-down-to (GDT) at the deepest observed gas pay at 3,511 mss. A significant gas column can be interpreted, extending from the crest of the structure to the observed base of the gas column or Gas Down To (“GDT”), with a height of over 500 meters.

Production testing on the discovery well C-18X drilled in 1978 tested 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.



The Company has completed an initial commercial review of the [Piedra Redonda gas field](#) which has identified a number of potential field development and monetisation options. The potentially significant size and strategic location of the Piedra Redonda gas field which is proximate to market demand and infrastructure presents standalone development opportunities for the field.

Authorised by the Board of Condor Energy Limited.

For further information please contact:

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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 4,858km² TEA offshore Peru with Perupetro. 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 404 Bcf (100% gross) and 'Best Estimate' Prospective Resources of 2.2 Tcf[#] (gross unrisks) of natural gas.

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

***#Cautionary Statement:** The estimated quantities of gas that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both a 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 recoverable hydrocarbons. See the Company's announcement dated 18th of March 2024. The Company confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.*

