

## **Agreement Signed for Block 6/24, Offshore Angola**

### **HIGHLIGHTS**

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- **Formal signing ceremony in Angola attended by Managing Director Andrew Knox, following parliamentary ratification of the Risk Service Contract (RSC) for Block 6/24**
- **Red Sky holds a 35% participating interest in Block 6/24, offshore Angola, in the high-potential Kwanza Basin**
- **The RSC was initially signed on 31 December 2024 with Sonangol E&P (operator, 50%), ACREP (15%), and Red Sky (35%) following direct negotiations with the Angolan National Agency for Oil, Gas and Biofuels (ANPG)**
- **Block 6/24 spans 4,930 km<sup>2</sup> in the Kwanza Basin, with existing seismic coverage and a material discovery at Cegonha**
- **Independent assessment confirms Net 2C Contingent Resources of 5.1 MMbbl and Net 2U Prospective Resources of 11.0 MMbbl, with pre-salt potential beneath Ibis as at 31 March 2025**
- **Oil discovered at Cegonha is heavy crude (18° API), confirmed as commercially viable using established global production methods**
- **Agreement paves the way for JVOA finalisation, and preparation of a work programme and budget**
- **Strengthens Red Sky's long-term growth strategy and international diversification**

**Red Sky Energy Limited (ASX: ROG) (Red Sky or the Company)** is pleased to advise that Managing Director Andrew Knox attended a formal signing ceremony in Angola to complete the Risk Service Contract (RSC) for Block 6/24, following recent parliamentary ratification.

This marks a key milestone in Red Sky's expansion into Angola and underscores the Company's commitment to building long-term partnerships in one of Africa's most prospective offshore basins.

The RSC was initially executed on 31 December 2024 between Red Sky Energy (35%), Sonangol E&P (operator, 50%), and ACREP (15%), following direct negotiations with the Angolan National Agency for Oil, Gas, and Biofuels (ANPG).

Block 6/24, located just 12 kilometres offshore in Angola's Kwanza Basin, includes the Cegonha oil field, which has been [independently assessed by PetroAus](#) and carries a Net 2C Contingent Resource of 5.1 million barrels (MMbbl). Three additional prospects - IBIS, D2, and B2 - contribute a further 11.0 MMbbl in Net 2U Prospective Resources to Red Sky's portfolio. Early seismic studies have also revealed potential pre-salt structures under the Ibis prospect. (Refer to Appendix for a Resources Summary.)

**Managing Director Andrew Knox commented:**

*“The parliamentary ratification and formal agreement with the Angolan Government represent a key strategic achievement for Red Sky.*

*Block 6/24 is an exceptional asset — anchored by a material oil discovery, surrounded by high-potential prospects, and offering exposure to emerging pre-salt opportunities.*

*This milestone accelerates our ability to commence technical work with our partners Sonangol and ACREP and pursue early production potential. It also diversifies our portfolio across geographies and resource types, supporting long-term value creation for shareholders.*

*We are excited to take the next step in unlocking value from one of West Africa’s most prospective offshore basins.”*



*Figures 1-4: Red Sky Managing Director Andrew Knox in Angola for signing Ceremony*

## Next Steps

The formal agreement signing allows the joint venture to move into the execution phase, including:

- Finalisation of the Joint Venture Operating Agreement (JVOA)
- Commencement of Geological and Geophysical (G&G) studies
- Preparation for seismic reprocessing and potential drilling

## Background: Block 6/24 Ownership and Location

Sonangol E&P is the operator of the Block, with a 50% participating interest. Red Sky Energy holds a 35% participating interest, and ACREP has a 15% interest. Block 6/24 is located 12 kilometres offshore, in water depths ranging from 70 to 80 metres. Seismic data covering the block has shown significant oil discovery potential.

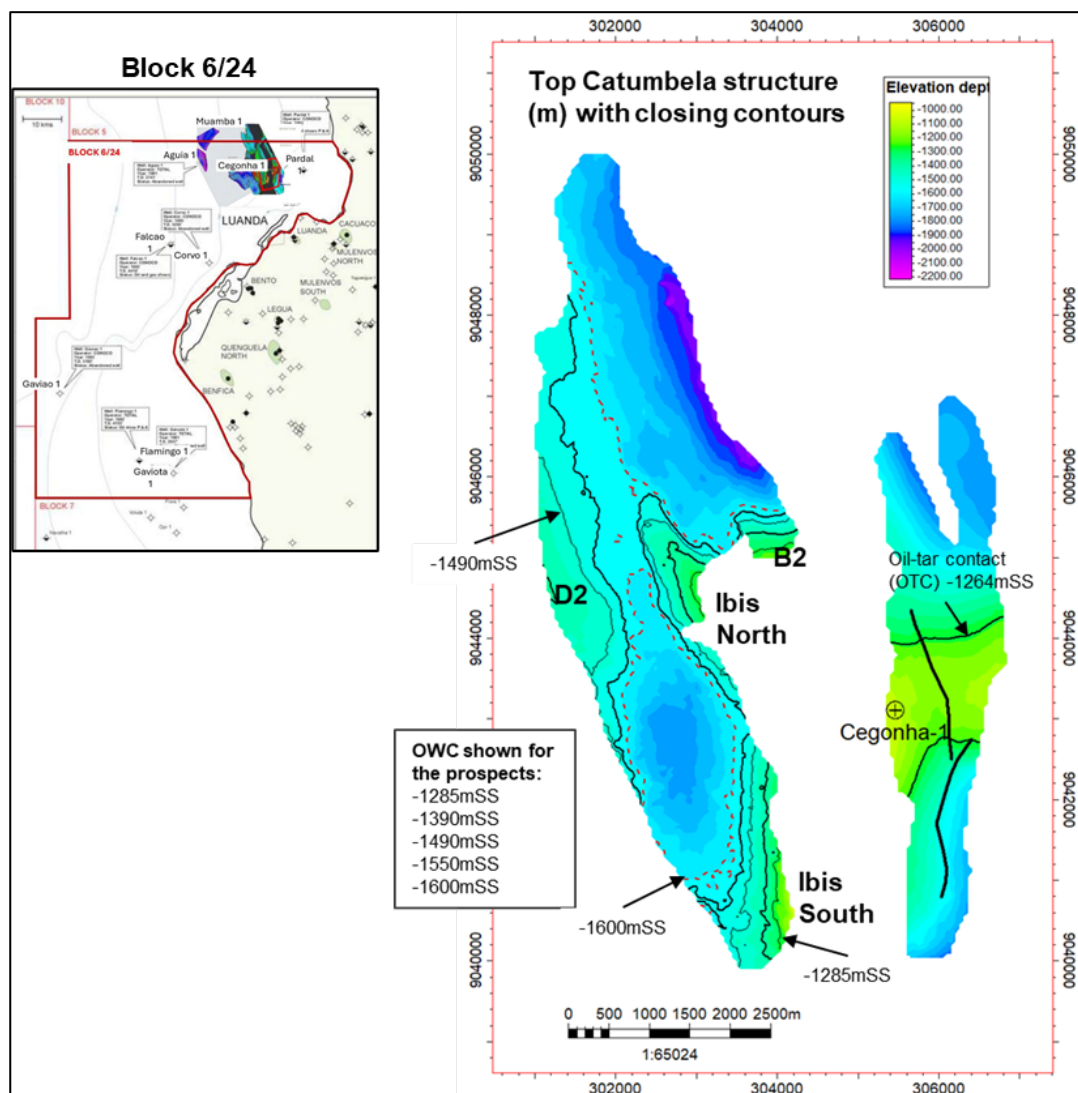


Figure 5: The main map shows the prospectivity in the Cegonha Cluster area within Block 6/24

**-ENDS-**

**This release has been approved for issue by the Board of Red Sky Energy.**

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### **About Red Sky Energy (ASX: ROG)**

Red Sky Energy is an Australian-based oil and gas exploration and production company focused on high-potential assets. The Company's portfolio includes interests in Angola (Block 6/24) and South Australia (Innaminka Gas & Killanoola Oil), as well as a growing pipeline of energy investments.

For more information, visit: [www.redskyenergy.com.au](http://www.redskyenergy.com.au)

### **About PetroAus**

PetroAus is an independent petroleum consulting firm, based in Perth, Western Australia, with professionals specialising in oil and gas exploration, reservoir evaluation, and resource estimation. PetroAus was commissioned by Red Sky Energy to conduct an independent resources evaluation of the Cegonha Cluster Area in Block 6/24 offshore Angola.

### **Competent Person Statement**

Pursuant to ASX Listing Rules Chapter 5, the technical information and hydrocarbon volume estimates presented in this document are based on and fairly represent the resource assessment conducted by James Fowler, Miguel Muruais, and Bill Holmes of PetroAus, an independent petroleum consulting firm.

James Fowler (geoscientist and a member of the Geological Society of London), Miguel Muruais (reservoir engineer and member of the Society of Petroleum Engineers) and Bill Holmes (petrophysicist and a member of the Society of Petrophysicists and Well Log Analysts and the Society of Petroleum Engineers) each have over 25 years of industry experience. They have conducted multiple hydrocarbon resource assessments across global basins. Their work aligns with Petroleum Resources Management System (PRMS 2018) guidelines, ensuring compliance with ASX reporting standards.

PetroAus and the aforementioned individuals have no ownership interest in the assets discussed and are independent of Red Sky Energy. They consent to the inclusion of the matters in this report in the form and context in which they appear.

## Appendix

As of 31 March 2025, PetroAust's assessment of gross and net contingent and prospective resources for Block 6/24 (with Red Sky having a 35% working interest) are as follows:

### Total Petroleum Initially-In-Place (PIIP) and Resources Summary

**Table 1: Block 6/24 PIIP and Contingent Resources as of 31 Mar 2025 (MMbbl)**

	Total (100%) Petroleum Initially in Place MMBBLS			Gross (100%) Contingent Resource MMBBLS			Net (100%) Contingent Resource MMBBLS		
	Low	Best	High	1C	2C	3C	1C	2C	3C
	59	100	161	6.2	14.6	30.9	2.17	5.10	10.82

**Table 2: ROG 35% Working Interest - Block 6/24 PIIP and Contingent Resources as of 31 Mar 2025 (MMbbl)**

	Total (ROG 35%) Petroleum Initially in Place MMBBLS			Gross (ROG 35%) Contingent Resource MMBBLS			Net (ROG 35%) Contingent Resource MMBBLS		
	Low	Best	High	1C	2C	3C	1C	2C	3C
	20.7	35.0	56.4	2.2	5.1	10.8	0.76	1.79	3.79

#### Notes:

- The above volumes are "Unrisked" in the sense that "Chance of Development" has not been applied to the contingent resources.
- Gross contingent resources represent total technically recoverable hydrocarbon volumes by application of future development projects. Net Contingent Resources represent technically recoverable hydrocarbon volumes net to Red Sky Energy, which holds a 35% interest in Block 6/24.
- All estimates have been prepared in accordance with the Petroleum Resources Management System (PRMS, 2018) and ASX Listing Rules Chapter 5.



**Table 3: Block 6/24 PIIP and Unrisked Prospective Resources as of 31 March 2025 (MMbbl)**

Prospect	Total (100%) Petroleum Initially in Place MMBBLS			Gross (100%) Prospective Resource MMBBLS			Net (100%) Prospective Resource MMBBLS			Pg %	Pd %
	Low	Best	High	1U	2U	3U	1U	2U	3U		
IBIS	46	105	213	5.1	15.5	39.5	1.77	5.43	13.81	17	60
D2	46	99	196	4.5	14.7	36.5	1.59	5.15	12.77	20	60
B2	4	9	16	0.4	1.3	3.0	0.15	0.45	1.06	10	25
<b>TOTAL</b>	<b>96</b>	<b>220</b>	<b>425</b>	<b>10</b>	<b>31.5</b>	<b>79.0</b>	<b>3.51</b>	<b>11.03</b>	<b>27.64</b>		

**Table 4: ROG 35% Working interest - Block 6/24 PIIP and Unrisked Prospective Resources as of 31 Mar 2025 (MMbbl)**

Prospect	Total (ROG 35%) Petroleum Initially in Place MMBBLS			Gross (ROG 35%) Prospective Resource MMBBLS			Net (ROG 35%) Prospective Resource MMBBLS			Pg %	Pd %
	Low	Best	High	1U	2U	3U	1U	2U	3U		
IBIS	16.1	36.8	74.6	1.79	5.4	13.8	0.62	1.90	4.83	17	60
D2	16.1	34.7	68.6	1.58	5.1	12.8	0.56	1.80	4.47	20	60
B2	1.4	3.2	5.6	0.14	0.45	1.05	0.05	0.02	0.37	10	25
<b>TOTAL</b>	<b>33.6</b>	<b>74.7</b>	<b>148.8</b>	<b>3.51</b>	<b>10.95</b>	<b>27.65</b>	<b>1.23</b>	<b>3.72</b>	<b>9.67</b>		

**Notes:**

- The estimated quantities of petroleum that may potentially be recovered by the application of future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery, articulated via a Chance of Geological Discovery (Pg), and a risk of development in case of discovery, expressed via a Chance of Development (Pd). Further exploration, appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
- Gross Prospective Resources represent total technically recoverable hydrocarbon volumes. Net Prospective Resources represent technically recoverable hydrocarbon volumes net to Red Sky Energy, which holds a 35% interest in Block 6/24.
- Low, Best and High recoverable volumes included in the table are unrisked, that is before application of a Pg and Pd.
- All estimates have been prepared in accordance with the Petroleum Resources Management System (PRMS, 2018) and ASX Listing Rules Chapter 5.

**Definitions:**

**Contingent Resources** are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations by application of development projects, but which are not currently considered to be commercially recoverable owing to one or more contingencies.

**Prospective Resources** are those quantities of petroleum that are estimated, as of a given date, to be potentially recoverable from undiscovered accumulations.

**Total Petroleum Initially-In-Place (PIIP)** is all quantities of petroleum that are estimated to exist originally in naturally occurring accumulations, discovered and undiscovered, before production.

**Discovered PIIP** is the quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations before production.

**Undiscovered PIIP** is that quantity of petroleum estimated, as of a given date, to be contained within accumulations yet to be discovered.

**Chance of Geological Discovery (Pg)** is the estimated probability that exploration activities will confirm the existence of a significant accumulation of potentially recoverable petroleum.

**Chance of Development (Pd)** The estimated probability that a known accumulation, once discovered, will be commercially developed.

**Cautionary Statement**

The estimated quantities of petroleum that may may potentially be recovered by the application of a future development project(s) related to discovered accumulations. These estimates have an associated risk of development. Future appraisal and evaluation are required to determine the existence of a commercial quantity of potentially economically recoverable hydrocarbons.

**Summary of Resource Estimation Procedures and Methods**

PetroAus conducted an independent resource assessment for Block 6/24 (post-salt Catumbela reservoir only) and compiled the estimates shown above.

Analytical procedures, including volumetric analysis and analogues, were utilised for this assessment. Probabilistic method was applied to estimate contingent and prospective resources.

The contingent resources were estimated using volumetrics to obtain total PIIP and analogue recovery factors to obtain recoverable volumes, to which the net interest was applied. The 3D seismic data made available were interpreted to provide a gross rock volume (GRV) and structural uncertainty applied to generate a range of GRV. A petrophysical interpretation was carried out on the Cegonha-1 well to generate porosity, net-to-gross and oil saturation. Low, best, and high values for GRV, porosity, net-to-gross, saturation and recovery factor were combined probabilistically to obtain the total PIIP and contingent resource range.

The prospective resources were estimated using volumetrics to obtain total PIIP and analogue recovery factors to obtain recoverable volumes, to which the net interest was applied. The 3D seismic data made available were interpreted to provide a gross rock volume (GRV). A petrophysical interpretation was carried out on the Cegonha-1 well to generate porosity, net-to-gross and oil saturation, which was used as an analogue input for volumetrics. Low, best, and high values for GRV were obtained by applying a range in oil-water-contacts, along with a range in porosity, net-to-gross, saturation and recovery factors to obtain probabilistic total PIIP and prospective resource range.

### **Resources maturation plans**

The key contingency that prevents the contingent resources from being classified as petroleum reserves is financial and technical appropriations sufficient to develop the recoverable hydrocarbon volume and can be addressed by further appraisal and evaluation of the Cegonha field. As with any proposed development plan, approval has to be sought from the regulator, this means a regulatory contingency also exists.

Future planned activities to mature the contingent resources, within an approximate time frame of 4 years, may include further evaluation of the Cegonha discovery, seismic studies in the Block, and the drilling of a new well in the Cegonha field to confirm commerciality.

Future activities to mature the prospective resources, within an approximate time frame of 4 years, may include geological and geophysical studies, seismic reprocessing, detailed subsurface evaluation, and drilling an exploration well to test the best prospect.

### **Heavy Crude Clarification**

The oil discovered in Block 6/24 is classified as heavy crude, with a gravity of 18° API, not bio-degraded oil (this heavy crude is distinct from the underlying tar interpreted in Cegonha). Heavy crude is successfully produced globally, including in large-scale projects across Canada and South America, where advanced extraction and refining technologies ensure commercial viability. Red Sky Energy is confident in leveraging proven global technologies to optimise recovery and commercial outcomes from the Cegonha discovery.

### **Technical Insights**

#### ***Catumbela Reservoir Quality & Hydrocarbon Mobility***

- **The Catumbela Formation (the main reservoir at Cegonha) is predominantly limestone**, revising earlier interpretations that suggested an equal mix of limestone and dolomite.
- **Oil is heavy crude (18° API) but not biodegraded**, supporting commercial viability using global established production techniques.
- **Presence of secondary porosity (fractures and/or vugs) is indicated**, potentially enhancing reservoir connectivity and recovery factors.

#### ***Seismic & Structural Mapping Enhancements***

- **Two potential hydrocarbon migration pathways** identified:
  - Salt weld to the east of Cegonha.
  - Basement faults propagating through salt layers near both the Cegonha discovery and near-field prospects.



- **New near-field exploration targets** identified, warranting further de-risking.

#### **Next Steps & Development Strategy**

- **Seismic Reprocessing & Reservoir Studies**
  - Pre-Stack Depth Migration (PSDM) to refine the depth conversion and mapping of faults and stratigraphy, plus integration of the Cegonha-1 digital log data and relevant regional wells into the interpretation.
  - Improved structural interpretation to confirm trap integrity.
- **Advanced Petrophysical & Well Log Analysis**
  - Digital log acquisition and reinterpretation of Cegonha-1 well data to reduce petrophysical uncertainty.
  - Secondary porosity assessment to refine hydrocarbon mobility models. Note - offset well, Falcao-1 (on Block, South-West of the Cegonha Field) reported the presence of oil from the pre-salt at the surface shakers, which was attributed to fractures.
- **Appraisal Drilling & Field Development Planning**
  - Targeted near-field appraisal / exploration drilling decision in Year 4 of the RSC.
  - Evaluation of enhanced oil recovery (EOR) options to optimise production.
- **Exploration & Additional Prospects**
  - Cegonha Cluster:
    1. **Further de-risking of Ibis, B2, and D2 prospects**, potentially expanding the resource base.
    2. **Evaluation of a fourth high-potential prospect, called D1.**
    3. **Investigation of pre-salt potential**, based on insights from regional analogues including previous exploration wells in the license (initial studies indicate the possibility of a pre-salt structure beneath the Ibis prospect).
  - Elsewhere in Block 6/24
    1. **Evaluation of pre-salt and post-salt opportunities**