# Red Sky Energy: ROG-ASX



# Killanoola Oil Field Acquisition

December 2020



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- Ordinary Shares
- Shareholders
- Market Capitalisation
- Share Price
- Top 20 Shareholders
- Top 2 Shareholders:



ROG

2036M

2567

\$4.0M

\$0.002

954M (46.6%)

D Nestor et al -9.7%

Cashmere Dell Pty Ltd – 5.5%





#### **Directors**

Andrew Knox B Com Executive Director

CLINTON CAREY B Com Non-Executive Director Resource developer

ADRIEN WING B Com Non-Executive Director Co Sec

#### **Executives**

ANDREW KNOX B Com
Chief Executive Officer/Managing Director
35 years experience, oil & gas
Joined ROG in 2018

BILL LODWICK B Sc Exploration & Development Manager 39 years experience, oil & gas Joined ROG in 2018

70+ years of oil and gas experience





## **Current Position**

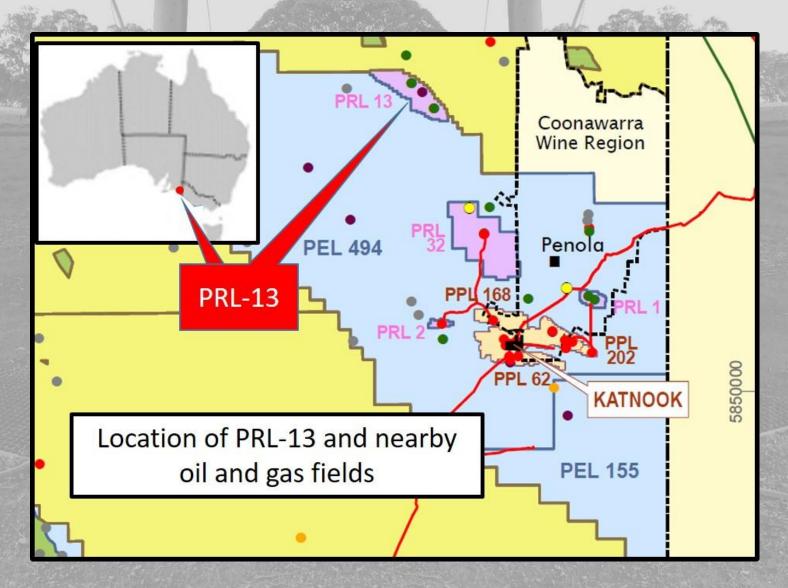
- Free carry by Santos in Innamincka Project
- SE Asia/Australia Focus Area obtaining spread of assets
- Development and cash-flow led
- Solid platform for growth
- Gold Nugget gas field
- E&P company on the ASX known by peers and market
- Clean balance sheet



## Killanoola Opportunity

- ROG has finalised a purchase agreement for the Killanoola Oil field (PRL-13) from Beach Energy
- The SPA deadline is late February 2021 (120 days)
  - STOIIP ranges up to 7 million barrels
- Recoverable oil ranges up to 40% or 2.8 million barrels
- Killanoola has passed through at least four operators since discovery which has severely disrupted development
- ROG is putting in place a novel wax mitigation plan by heating the tubing downhole, thus ensuring stable oil flow
- Best Estimate initial oil rate of 900 bopd is expected from a three wells development

## PRL 13 location





## **Economic Assumptions**

- Oil Price
- Starting Production rate
- Wells
- Oil Originally In Place
- Best Estimate recoverable
- Opex
- NPV10
  - NPV10 (three wells)

USD45/bbl (flat real)

300 bopd per well (decline 15% p.a.)

Start with 1 (up to 6 producers high case)

7 million bbls

2.8 million bbls (3 wells, 40% Recovery Factor)

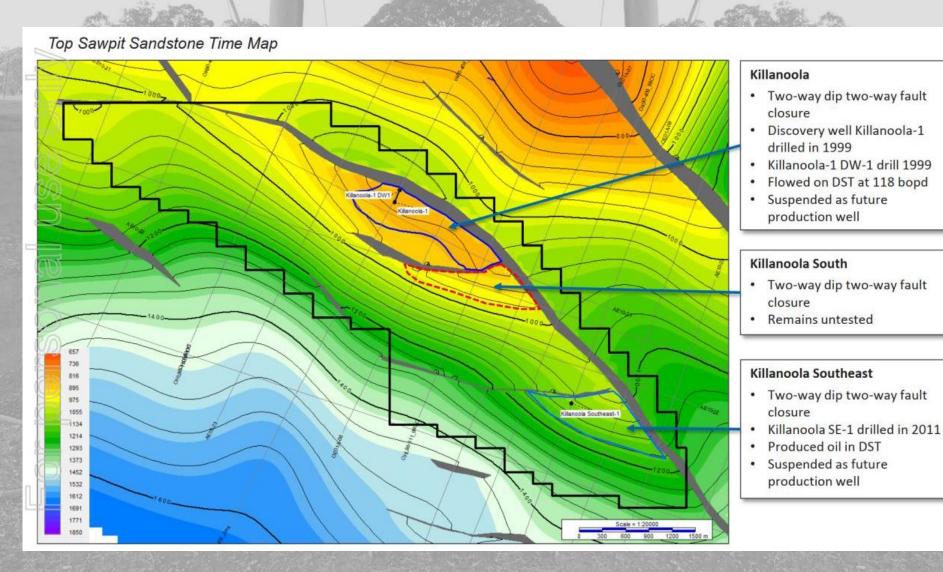
\$0.75m pa (in production)

\$14.2m post tax

\$57.6m post tax



## PRL 13 summary



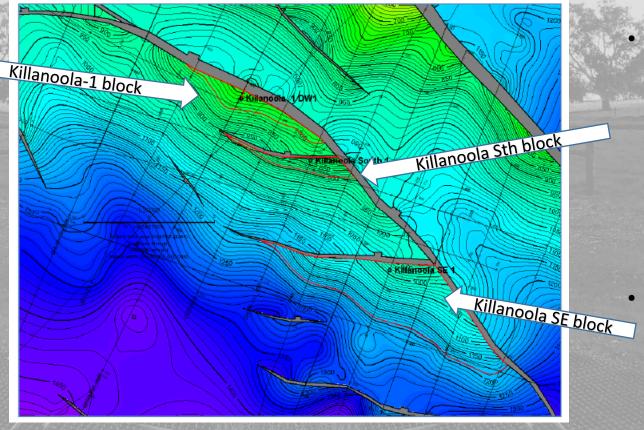


## Field History

- Field was discovered in 1998 by the Killanoola-1 well
- Discovery well was deviated to an up-dip position by the Killanoola-1 Dw-1 well and a drill stem test produced about 120 bopd
- A second well Killanoola SE-1 was drilled in 2011 to test a separate fault block. A production test is planned
- Killanoola has estimated in-place oil of 7 million bbl
- Best Estimate oil recovery is 2.8 million bbl, which is 40% recovery factor. A downhole heating techniques to mitigate the wax issue is assumed
- Exceeds earlier estimates of 14% (0.8 million bbl EPR:ASX 2008)
- 6.5m of net pay was intersected in the side track, Killanoola-1 DW-1, and it was cased and suspended as an oil well on 2 May 1998
- The licence also include an additional untested fault closure, called Killanoola south. This
  fault block is considered a success in the high case



- Killanoola-1 can be brought back into production quickly
- ROG plans to engage a proven enhancement technology to increase production
- Better flow rates from the well will increase the final recoverable volumes



Near Top Reservoir Depth Map



- The Killanoola South block is untested and has the same geological setting as Killanoola-1 and SE-1. ROG aims to drill this prospect after testing Killanoola SE-1
  - The Killanoola SE-1 well discovered oil in 2011 and is suspended awaiting commercial testing. ROG plans to test after K-1 is in production.



## **Reserves Summary from Previous Operators**

- Beach Energy estimated reserves at:
  - P90= 500,000 bbls,
  - P50= 2,900,000 bbls
  - P10= 6,700,000 bbls

- Essential Petroleum (EPR) stated:
  - 7 million bbls in place
  - 800,000 bbls recoverable (only 14%)



## **Technical Data**

- 2D seismic No 3D. ROG
   plans to acquire 3D before
   drilling any new wells
- Well data, small amount of production data
- Geological and petrophysical data
- Shallow relatively inexpensive drilling to reservoir

#### Killanoola Southeast 1 WELL COMPLETION REPORT

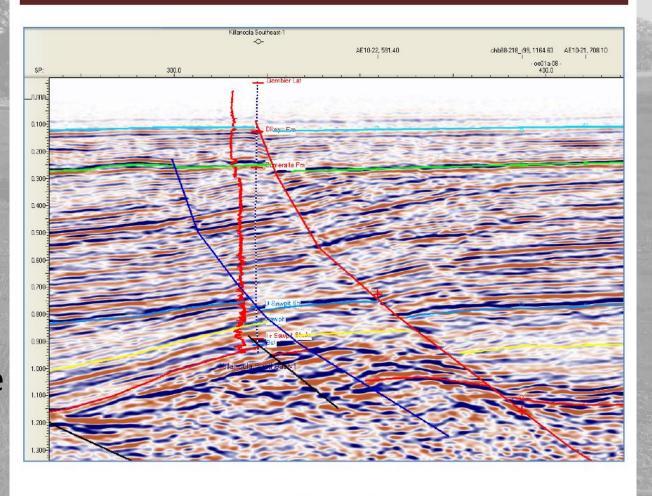


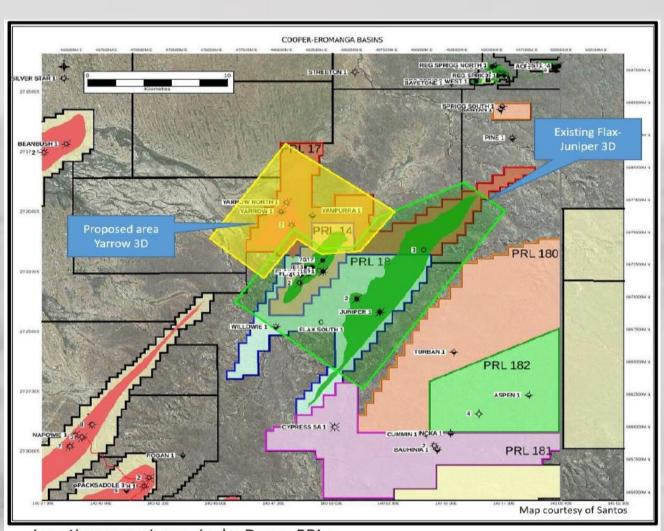
Figure 4: Post-drill interpreted seismic section





## Innamincka Dome

- ROG holds 20% working interest in the six PRLs.
- Santos, the operator, holds the other 80%.
- Commitments include: a new 3D over the Yarrow gas field & a vertical well
- A horizontal well in Flax
- Further exploration and evaluation of other blocks



Location map: Innamincka Dome PRLs.



## Yarrow Gas

- Vertical well in Santos drilling programme to be drilled in 2<sup>nd</sup> half 2021
- Probable locations identified already
- Reprocessed 2D seismic will confirm final well location after interpretation
- 20km 4in. pipeline to tie into Napowie with circa
   20mmcfpd capacity



## Gold Nugget Gas

- ROG holds 100% working interest in the gas well and the gas pipeline
- Planned well intervention to improve production
- Potential to produce during winter months
- Engaging with nearby operators regarding future exploration and development activities
- Looking to farmout new exploration well
- Pipeline can be used to service new discoveries

