

Buru Energy spuds Rafael 1 – high upside oil exploration well

Highlights

- Rafael 1 – conventional oil exploration well spudded on 22 August 2021
- Targeting mean prospective resources of 69 million barrels*
- Expected total depth of 3,865 metres
- Rafael 1 to be followed by Ungani 8 oil development well in the Ungani Oilfield

Rafael 1

Buru Energy Limited (Buru Energy) is pleased to advise that the Rafael 1 conventional oil exploration well was spudded at 01:45 hours on Sunday the 22nd of August 2021.

The Rafael 1 exploration well is being drilled in exploration Permit EP 428 in the Canning Basin in northwest Western Australia.

Rafael 1 is located some 50 kilometers to the east of the Ungani Oilfield and some 150 kilometres east of Broome.



Prospect description

The Rafael 1 well is being drilled on a large structure that is well defined by a modern 2D seismic grid. It has over 450 metres of mapped closure and is a large regional structure that is interpreted to have similarities to Devonian aged carbonate structures in Western Canada that are very large and prolific oil producers. The top of the objective section is expected to be encountered below some 3,600 metres.

The Prospective Resources of the Rafael prospect are set out below. The Prospective Resources are located on Exploration Permit 428 with Buru holding a 50% interest in that permit and in the following Prospective Resources:

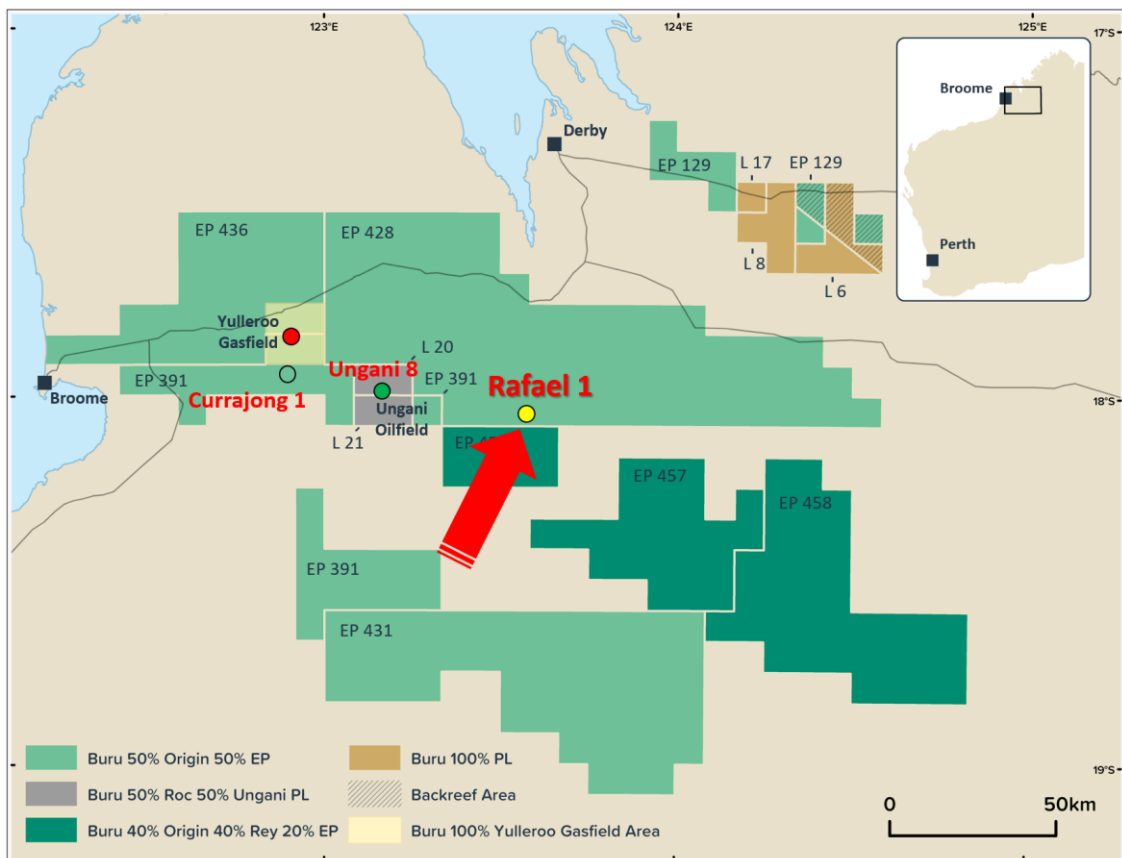
Prospective Resources	Mean	Low	Best	High
Recoverable Oil (million barrels)	69	5	37	176

** Prospective Resources are the estimated quantities of petroleum that may potentially be recovered by the application of a future development project and may relate to undiscovered accumulations. These prospective resource estimates have an associated risk of discovery and risk of development. Further exploration and appraisal is required to determine the existence of a significant quantity of potentially moveable hydrocarbons. Further information on the above Prospective Resources as required under ASX Listing Rule 5 is included in Buru's ASX Announcement dated 22 March 2021. Buru is not aware of any new information or data that materially affects the information included in the 22 March 2021 announcement and all material assumptions and technical parameters underpinning these estimates continue to apply and have not materially changed.*

Program background

Rafael 1 is the second well in the exploration program under the terms of the farm-in agreements executed in December last year, under which Buru will be carried for \$16 million of the cost of the drilling of the two exploration wells in the program (Currajong 1 and Rafael 1), in addition to a further significant seismic program carry across several Buru operated permits. The full details of these agreements are set out in the ASX Releases "Farm-out of Buru's Canning Basin portfolio" and "Farm-out of EP457 and EP458" dated 21 December 2020.

The first well in the program, Currajong 1, encountered an interpreted oil accumulation in the Ungani Dolomite equivalent section. Testing of the various zones encountered in the Currajong 1 well is expected to commence in the coming weeks when the required additional equipment arrives on site.



Rafael 1 location map

Buru's Executive Chairman Eric Streitberg commented:

"We are very excited to be finally drilling the Rafael 1 well. The Rafael prospect has a large geologically highly prospective target that could be transformational for Buru and for Western Australia's oil sufficiency.

The Ensign 963 rig that is drilling the Rafael 1 well has performed well on the previous Currajong 1 well, and the inter-well move from Currajong to Rafael was completed on time and budget with no incidents.

We are also very much looking forward to the commencement of the Currajong 1 test program which is aimed at validating our interpretation of the well data and confirming we have encountered a significant oil accumulation."

Qualified Petroleum Reserves and Resources Evaluator Statement

The estimates of Prospective Resources have been based on, and fairly represents, information and supporting documentation prepared by Mr Eric Streitberg who is a Qualified Petroleum Resources Evaluator.

Mr Streitberg who is an employee and Director of Buru Energy Limited is a Fellow of the Australian Institute of Mining and Metallurgy and the Australian Institute of Company Directors, and a member and Certified Petroleum Geologist of the American Association of Petroleum Geologists. He has over 40 years of relevant experience. Mr Streitberg consents to the inclusion of the information in this document.

Authorisation

This ASX announcement has been authorised for release by Eric Streitberg, the Executive Chairman of Buru Energy.

For further information, visit www.buruenergy.com or contact:

Eric Streitberg, Executive Chairman

Telephone: +61 8 9215 1800

Freecall: 1800 337 330

Email: info@buruenergy.com



Media enquiries

Peter Kermode, Cannings Purple

+61 411 209 459

pkermode@canningspurple.com.au

Investor relations

Evy Litopolous, ResolveIR

+61 419 773 505

evy@resolveir.com