

Update on Canning Basin Exploration Program

Highlights

- Canning Basin exploration drilling campaign underway with mobilisation of Ensign rig 963 to the Currajong 1 location
- Exploration drilling program targeting a combined 97 million barrels of conventional oil (mean prospective resources)
- Exploration wells to be drilled back to back – Rafael 1 to follow Currajong 1
- Seismic program to commence in late June as crew becomes available from current Perth Basin contract

Background

Buru Energy Limited (Buru) is operating a major drilling and seismic program in the Canning Basin in 2021 with an initial program of two exploration wells on world class conventional oil targets, together with a wide ranging seismic program aimed at maturing prospects for drilling in future programs.

Under the terms of farmin agreements executed in December last year with Origin Energy, Buru is being carried for \$16 million of the costs of the two exploration wells and for \$6 million of the costs of the seismic program. 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.

Drilling program

The exploration drilling program being operated by Buru includes two wells, Currajong 1 and Rafael 1. Both these wells are large conventional oil prospects with a combined total of some 97 million barrels of prospective resources as set out below, and in the Buru ASX release of 22 March 2021: "Buru Energy set to commence major Canning Basin exploration drilling and seismic program".



Rig trucks on the Ungani access road heading to Currajong

The program will be executed by the Ensign 963 drilling rig which is currently being mobilised to the Currajong 1 well site from the Kyalla location in the Northern Territory.

Site preparations at Currajong were completed recently prior to the rig move commencing.

The Rafael access road and well site clearing has been completed previously, with final wellsite works including installation of impermeable liners to commence shortly to ensure the well site is ready for rig acceptance at the completion of the Currajong 1 well.



Rig trucks unloading at the Currajong well site

Prospective Resources of exploration prospects

The prospective resources of the two prospects are substantial and represent some of the largest onshore conventional oil prospects in Australia. Both prospects are targeting vugular dolomite reservoirs similar to the two existing Devonian aged oil fields in the Canning Basin, Buru's 100% owned Blina Oilfield and its 50% owned Ungani Oilfield.

The Prospective Resources of the prospects are as follows:

Prospective Resources Recoverable Oil (million barrels)	Mean	Low	Best	High
Currajong Prospect - EP391 (Gross)	28	2	17	69
Currajong Prospect - EP391 (Net)	14	1	8.5	34.5
Rafael Prospect - EP428 (Gross)	69	5	37	176
Rafael Prospect - EP428 (Net)	34.5	2.5	18.5	88

The estimate of the chance of discovery of the "Best Estimate" of prospective resources is 26% for Currajong and 21% for Rafael.

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 Energy'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.

Currajong 1 (Buru 50% and Operator)

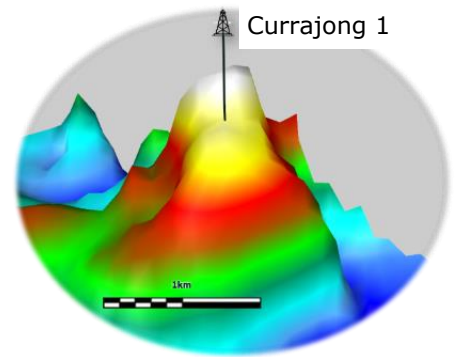
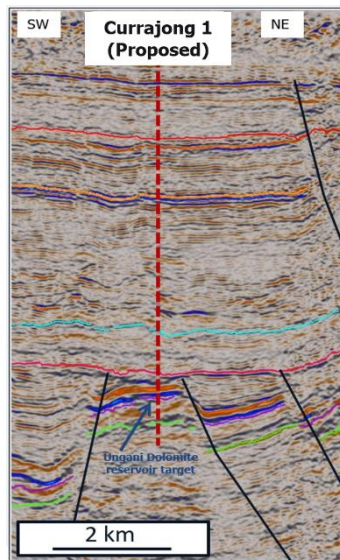
The Currajong 1 structure is well defined by 3D seismic surveying and has a vertical closure of over 200 metres.

The structure is fault bounded with two way dip closure.

The seismic correlation shows it to be at a similar depth to the Ungani Oilfield at some 2,400 metres and to have similar seismic characteristics at the reservoir level.

The oil quality is also expected to be similar to Ungani at some 37 deg API and generally sold at a premium to Brent.

Currajong 1 is located some 30 kilometers to the west of the Ungani Oilfield. The well is expected to spud in mid-June and take some 21 days to drill.



Rafael 1 (Buru 50% and Operator)

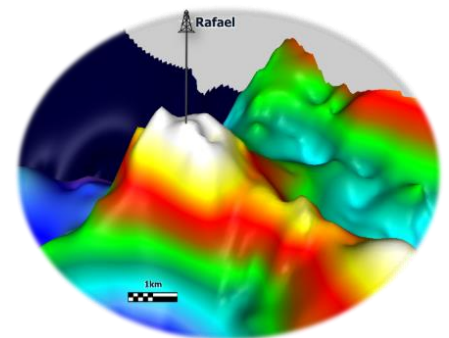
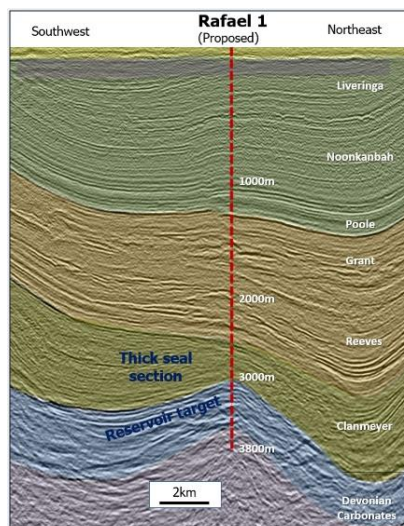
The Rafael structure is well defined by a modern 2D seismic grid with over 450 metres of mapped closure interpreted from the seismic data. The large size of the Rafael structure means that at the exploration stage 2D seismic data is sufficient to provide confidence on the drilling location. Under the terms of the farmin agreement for the Rafael well, Origin will also fund the first \$4 million of a 3D seismic survey if the well is successful.

The Rafael prospect is a four way dip closed structure which is interpreted to be a carbonate bank/reefal buildup of Devonian age.

The Devonian carbonate/reefal structures on the southern side of the Fitzroy trough have been an exploration objective for some time, and Rafael has been defined as representing a major regional target in that area with very substantial upside if hydrocarbons are present.

The principal reservoir section is expected to be encountered below 3,000 metres with the total depth of the well up to 3,800 metres. Modeling of geothermal gradients and source rock composition gives confidence that oil is likely to be the dominant hydrocarbon phase.

The Rafael well is located some 50 kilometers to the east of Ungani and is expected to be spudded in late July or early August.

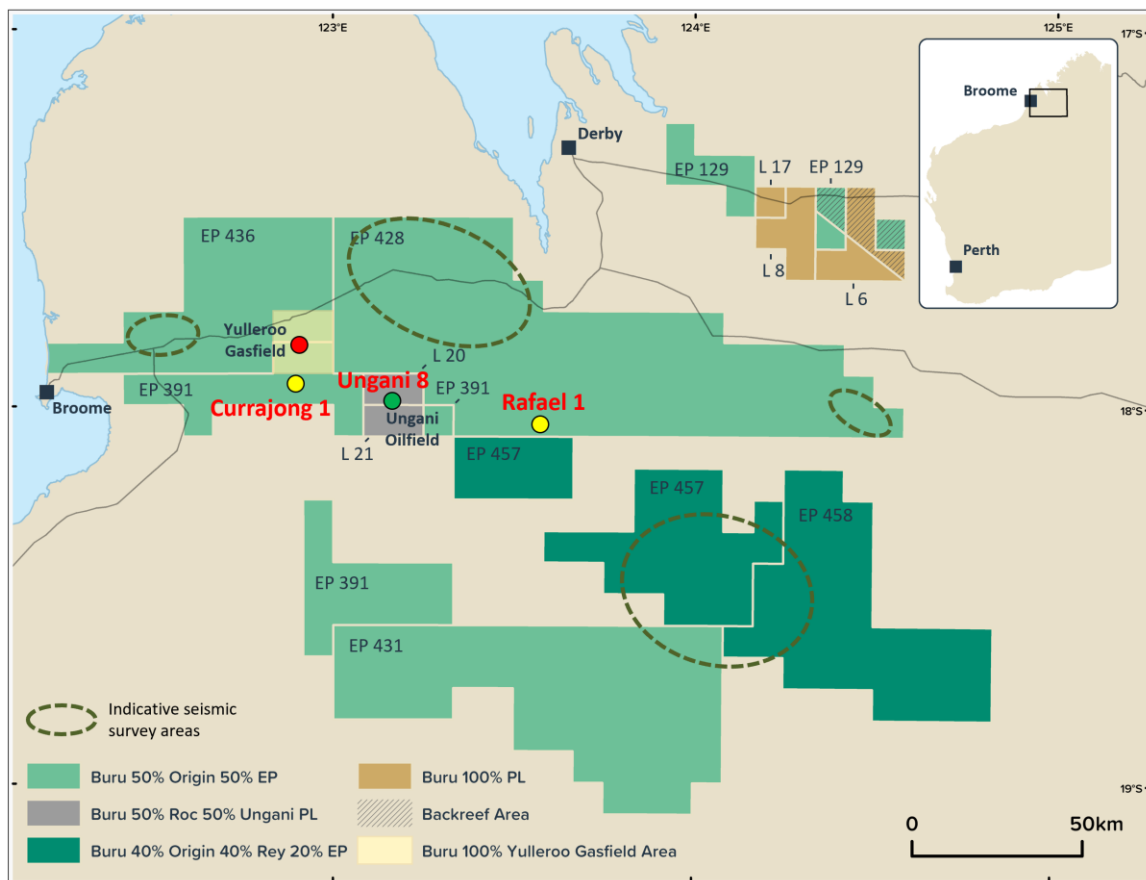


Seismic survey program

Terrex Pty Ltd (Terrex) have been awarded the seismic acquisition contract, and planning for the survey is well advanced. The crew will be mobilised to the Canning Basin once it has completed its current program in the Perth Basin for other operators. These programs have taken longer than planned and the crew is now expected to be mobilised to the Canning Basin in late June.

The delay will not have a material effect on the planned program of some 1,100 kilometers of surveys which should take some 50 days to acquire.

The Celestine 2D survey across the EP 457 and EP 458 area is planned as the first and largest part of the program to further define a new geological concept that has the potential for large conventional oil accumulations.



Program location map

Buru's Executive Chairman Eric Streitberg commented:

"The exploration program is proceeding as planned with the mobilisation of the Ensign drilling rig and we are very much looking forward to the drilling of the two exploration prospects. We are also very keen to see the results of the seismic program that is being acquired over some particularly interesting areas of our permits."

We are also not letting the anticipation of results and the hard work required to deliver the drilling and seismic program distract us from the work we are doing on future value adding on a number of fronts. These activities include monetising our high value gas resources and working on our hydrogen and helium projects. We are also working hard on a process to reduce our overall emissions and want to ensure we have a plan for the development of the oil resources we hope to find with the lowest emissions intensity possible."

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 the Executive Chairman of Buru Energy. For further information, visit www.buruenergy.com or contact:

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