

Announcement to ASX

19 July 2021

SPUDDING OF LOCKYER DEEP-1

Perth Basin oil and gas exploration company, Norwest Energy NL (“**Norwest**” or the “**Company**”), is pleased to announce that the Lockyer Deep-1 conventional gas exploration well was spudded at 23:00 hrs on 18 July 2021.

The Lockyer Deep-1 well is designed to test a large structure at the Kingia and High Cliff formations, on trend with the significant discoveries made thus far within the emerging Permian deep gas play of the north Perth Basin. The well is prognosed to take 35 days to reach a Total Depth of 4,185 metres (TVDSS) and the Company's next scheduled announcement will occur when the surface casing point has been reached, at an approximate depth of 1,140 metres (TVDSS).



Ensign 970 rigged up at the Lockyer Deep-1 well site

Lockyer Deep-1 is situated within Exploration Permit EP368, a joint venture between Norwest (20%) and Energy Resources Limited (80% and Operator). Energy Resources Limited is a division of Mineral Resources Limited.

About Lockyer Deep-1

The Lockyer Deep-1 well location (refer Figure 1) has been selected to test a very large, fault-closed three-way dip structure at the Kingia and High Cliff levels within the Permian gas play's "sweet spot". Drilling at Waitsia, West Erregulla and Beharra Springs Deep has resulted in three substantial gas discoveries from three exploration wells.

The Geological Chance of Success (GCoS) for Lockyer Deep-1 is estimated by Norwest Energy to be 38%, and the Company's estimate of prospective resources for the Lockyer Deep/North Erregulla Deep combination structure is summarised in Table 1 for the Kingia and High Cliff targets combined (refer to ASX announcement of 28 October 2019).

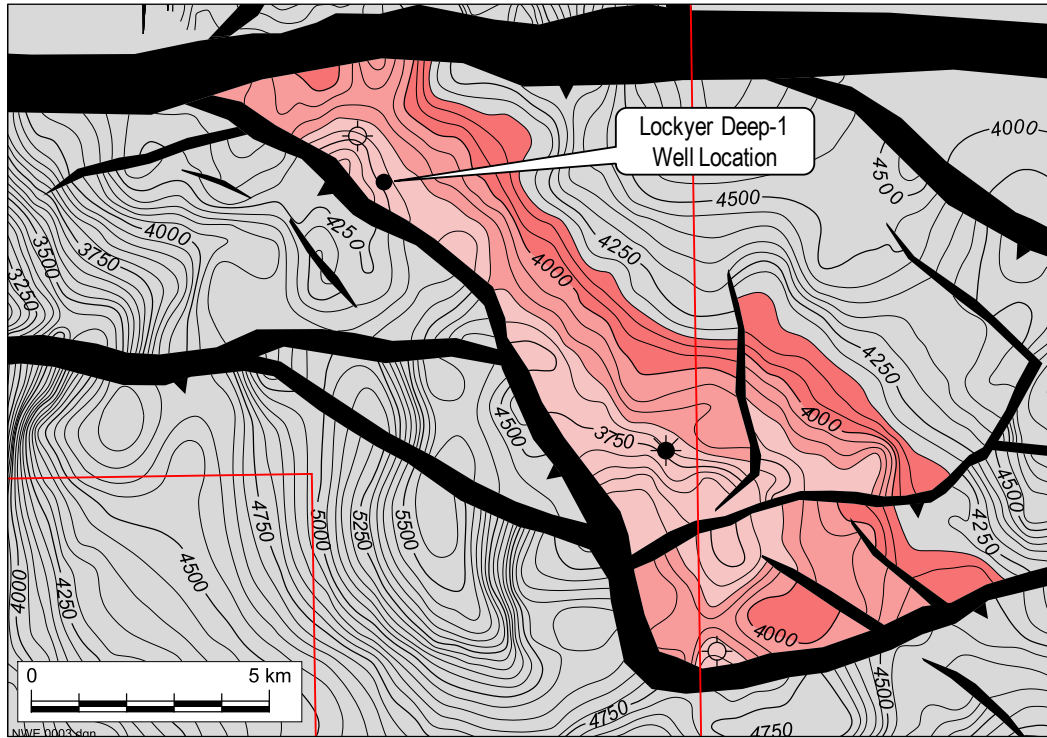


Figure 1: Lockyer Deep/North Erregulla Deep Top Kingia depth structure map, showing Low/Mid/High case prospective resource areas

	Gross Bcf (100%)			NWE Share Bcf (20%)		
	Low	Mid	High	Low	Mid	High
Lockyer Deep	36	459	1122	7	92	224
North Erregulla Deep	131			22		

Table 1: Lockyer Deep/North Erregulla Deep Prospective Resources

The quoted High Case represents an area of some 67 km². In addition the structure extends further downdip to the northeast of this area and the maximum area within structural closure may be as large as 108 km². Additional hydrocarbon potential exists within the Wagina Formation; a shallower, secondary target that encountered gas pay at West Erregulla-2 and which produces gas at the Beharra Springs field.

Notes regarding prospective resources:

1. Prospective Resources are the estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) and relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a chance of development. Further exploration, appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
2. The estimates of Prospective Resources included in this announcement have been prepared in accordance with the definitions and guidelines set forth in the 2007 Petroleum Resources Management System (PRMS) approved by the Society of Petroleum Engineers (SPE). The PRMS defines prospective resources as those quantities of petroleum which are estimated, as of a given date, to be potentially recoverable from undiscovered accumulations.
3. Gross Prospective Resources are 100% of the on-block volumes estimated to be recoverable from the prospect in the event that a discovery is made and subsequently developed. The Prospective Resources have been estimated deterministically.
4. The volumes reported are "unrisked" in the sense that the Geological Chance of Success (GCoS) factor has not been applied to the designated volumes.
5. The Prospective Resources reported within this ASX announcement have been estimated by Mr Dean Powell of Powell Seismic Services. Mr Powell has over 40 years of experience as a Geoscientist within the Oil & Gas Industry and is a member of the Society of Exploration Geophysicists and the Society of Petroleum Engineers. Mr Powell has consented to the contents of this announcement being released to the ASX.

Authorised for release to ASX by the Board of Directors.

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