



Press Release

07 August 2017

**MPRL E&P Announces Third Gas Discovery in Myanmar
Offshore Block A-6**

MPRL E&P Pte Ltd. ("MPRL E&P"), the only independent E&P Company led by Myanmar nationals, operating in both onshore and offshore Myanmar, and the PSC Operator of *Block A-6*, is pleased to announce the discovery of gas in Well *Pyi Thit-1*. This equates to a track record amounting to 100% success with three gas discoveries in three wells achieved in *Block A-6*.

Pyi Thit-1, spudded on 10 June 2017, reached a total depth of 14,993 feet (4,570 meters) measured from rotary table in some 6,565 ft (2,001 m) of water on 15 July. The well intersected a gross gas column of 207 ft (63 m) including minimum 115 ft (35 m) of net gas pay, as confirmed through pressure measurements and gas sampling.

As of 03 August 2017, Pyi Thit-1 has tested the gas bearing sand, which flowed 50 million standard cubic feet per day of gas through a 44/64" choke. The well is now being plugged and abandoned as planned. Transocean DDKG2 drill-ship will thereafter move to the location of Pyi Tharyar-1 Well in order to continue with the exploration drilling program in *Block A-6*.

Chief Executive Officer U Moe Myint said: "This third success in three wells drilled so far confirms *Block A-6* as the most advanced offshore exploration block to potentially bring much needed new gas resources to the nation, an asset which was pioneered by MPRL E&P with its first gas discovery during the Pyi Thar exploration well in 2012. This first discovery in *Block A-6* opened an entirely new gas play by contrast to the Bengal Fan elsewhere in the Bay of Bengal in Myanmar. I am very pleased and proud that MPRL E&P continues to be at the forefront of unlocking more gas resources to potentially feed new power for the growth of the country."

BACKGROUND

- The Pyi Thit gas discovery comes after MPRL E&P, at its **sole risks with its own funds**, pioneered exploration in *Block A-6* since January 2007, when it signed a Production Sharing Contract (PSC) with MOGE for the block.

- Having carried out extensive field studies in 2007-2009 MPRL E&P acquired 1,955 km of 2D seismic in 2009, followed by a 554 km² 3D seismic cube in 2010, the first of its kind acquired and processed for exploration purposes in offshore Myanmar.
- MPRL E&P in March 2012 drilled Pyi Thar-1 wildcat, in 691 ft (211 m) water depth. The well was intentionally sidetracked as Pyi Thar-1ST, where 20 ft (6 m true vertical thickness) of net gas were logged in good quality sandstones.
- MPRL E&P thus proved the presence of an entirely new biogenic gas play in the frontier offshore southern Rakhine Basin, including charge and sealed reservoirs in a mixed structural sedimentary trap. The Pyi Thar sandstones come from an ancient Ayeyarwaddy River submarine course, by contrast with the *Shwe* Gas Field, whose sands are from the Ganges-Brahmaputra system. This discovery came very much against the advice of many international experts who studied the data in the block prior to drilling of Pyi Thar-1, and who had forecasted that no sands could be deposited in the area.
- The Pyi Thar-1ST discovery attracted considerable interest from International Oil Companies. Woodside farmed into the block in 2013 after which a 1,700 km² 3D seismic survey was acquired over a vast structural lead mapped by MPRL E&P on its 2D seismic survey in 2009. In October 2015, Total farmed in for 40% participating interest into the block.
- The second exploration Well Shwe Yee Htun-1 in Block A-6 was drilled in November 2015 - January 2016 in 6,660 feet (2,030 m) water depth down to a Total Depth (TD) of 17,408 feet (5,306 m). This well was so far in Myanmar the deepest well drilled, in the deepest water depth. The well discovered some 32 m of net gas sandstones.
- MPRL E&P is the Operator of the Production Sharing Contract (PSC) of the block with a 20% participating interest along with Woodside Energy (Myanmar) Pte Ltd. and Total E&P Myanmar, each holding 40% participating interest. Under the Joint Operating Agreement, Woodside is the technical joint-operator.

MAP SHOWING THE LOCATION OF **BLOCK A-6** GAS DISCOVERIES AND
PLANNED WELL **PYI THARYAR - 1**


