PT MEDCO ENERGI INTERNASIONAL TBK AND ITS SUBSIDIARIES

SUPPLEMENTARY INFORMATION

As of June 30, 2019 (Unaudited)

RESERVES ESTIMATION

The following information on proved developed, undeveloped and probable reserves quantities as well as contingent resources are estimates only, and do not purport to reflect realizable values or fair market values of the Group's reserves. The Group emphasizes that reserves estimates are inherently imprecise. Accordingly, these estimates are expected to change as future information becomes available. There are numerous uncertainties inherent in estimating oil and natural gas reserves including many factors beyond the control of the Group.

The following information on the Group's reserves and resources quantities are estimated either by the Group's engineers, an independent petroleum engineering consultant, i.e., Netherland, Sewell & Associates, Inc. (NSAI), Gaffney, Clyne and Associates (GCA) and RISC Operations Pty Ltd (RISC) or based on estimates by the operators of the respective blocks. Generally accepted petroleum engineering principles and definitions applied by the industry to proved and probable reserves categories and subclassifications as well as contingent resources were utilized in preparing the reserves and resources disclosures.

Management believes that the reserves quantities shown below are reasonable estimates based on available geological and engineering data.

RESERVES ESTIMATION

	Indonesian Assets				*International Assets*[3]		*Total*		
	West [1]		*East and Central* [2]						
	Oil	**Gas**	***Oil***	**Gas**	***Oil***	**Gas**	***Oil***	**Gas**	***Oil and Gas***
	mbbls	**mmscf**	**mbbls**	**mmscf**	**mbbls**	**mmscf**	**mbbls**	**mmscf**	**mboe**
Group Proved Reserves									
Ending balance, December 31, 2018	**29,837**	**382,591**	**9,281**	**322,686**	**50,088**	**53,188**	**89,206**	**758,465**	**221,997**
Discoveries and extensions	-	-	-	-	-	-	-	-	-
Revisions [4]	2,791	(6,072)	-	700	-	-	2,791	(5,372)	1,756
Acquisitions and divestments	-	-	500	103,600	19,915	17,436	20,415	121,036	42,308
Production	3,874	31,132	865	28,971	2,569	2,720	7,308	62,823	18,760
Ending balance, June 30, 2019	**28,754**	**345,387**	**8,916**	**398,015**	**67,434**	**67,904**	**105,104**	**811,306**	**247,301**
Group Proved and Probable									
Ending balance, December 31, 2018	**42,025**	**410,971**	**11,477**	**329,886**	**83,676**	**84,020**	**137,178**	**824,877**	**281,727**
Discoveries and extensions	-	-	-	-	-	-	-	-	-
Revisions [4]	9,020	(7,180)	-	700	-	-	9,020	(6,480)	7,769
Acquisitions and divestments	-	-	590	142,096	32,314	12,990	32,905	155,086	60,966
Production	3,874	31,132	864	28,971	2,570	2,719	7,308	62,822	18,760
Ending balance, June 30, 2019	**47,171**	**372,659**	**11,203**	**443,711**	**113,420**	**94,291**	**171,796**	**910,661**	**331,702**

RESERVES ESTIMATION (continued)

	Indonesian Assets				*International Assets* [3]		*Total*		
	West [1]		*East and Central* [2]						
	Oil	**Gas**	***Oil***	**Gas**	***Oil***	**Gas**	***Oil***	**Gas**	***Oil and Gas***
	mbbls	**mmscf**	**mbbls**	**mmscf**	**mbbls**	**mmscf**	**mbbls**	**mmscf**	**mboe**
Group Contingent Resources									
Ending balance, December 31, 2018	**31,575**	**1,417,132**	**19,750**	**912,745**	**33,331**	**111,528**	**84,656**	**2,441,405**	**490,594**
Discoveries and extensions	-	-	-	-	-	-	-	-	-
Revisions [4]	10,600	(22,100)	-	-	-	-	10,600	(22,100)	6,342
Acquisitions and divestments	-	-	6,370	408,100	948	3,025,529	7,318	3,433,629	606,888
Production	-	-	-	-	-	-	-	-	-
Ending balance, June 30, 2019	**42,175**	**1,395,032**	**26,120**	**1,320,845**	**34,279**	**3,137,057**	**102,574**	**5,852,934**	**1,103,824**

(1) The Group's reserves estimates of Indonesian assets, West area include several working areas, such as South Sumatera Extension, Rimau, Lematang, Block A and Block B,

(2) The Group's reserves estimates of Indonesian assets, East and Central area include several working areas, such as Tarakan, Senoro-Toili, Simenggaris, Madura, Bangkanai, and Sampang,

(3) The Group's reserves estimates of International assets include several working areas, such as United States, Libya, Yemen, Tunisia, Bualuang, Sinphuhorm, ChimSaoDua Block, and Tanzania,

(4) The Group's reserves estimates for Block B, Block Senoro-Toili and Block A were based on the GCA Certification Report respectively as of September 30, 2018, October 31, 2018 and December 31, 2018 with Group's effective working interest respectively of 40%, 30% and 85% also for Block South Sumatera Extension due to new gas monetization as of December 31, 2018, The Group's reserves estimates for both Ophir Domestic (Madura, Sampang, and Bangkanai Block) and International (Bualuang, Sinphuhorm, and ChimSaoDua Block) were based on the ERCE Certification Report as of December 31, 2018 with different effective working interest for each block, For domestic asset, Madura Block 67,5%, Sampang block 45%, and Bangkanai block 70%, While international asset, Bualuang Block 100%, Sinphuhorm block 9,51% and ChimSaoDua block 31,9%, The Group's reserves estimates for Tanzania Block based on ERCE as of October 31, 2014 with effective working interest 20%,