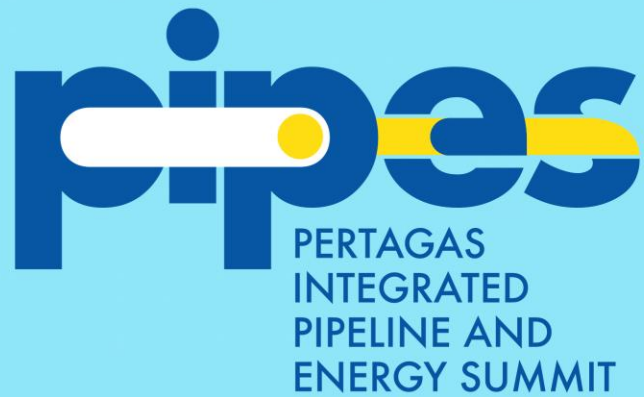


A vertical decorative bar on the left side of the title, consisting of a blue bar, a white bar, and a yellow bar.

Pemenuhan Kebutuhan Gas Domestik

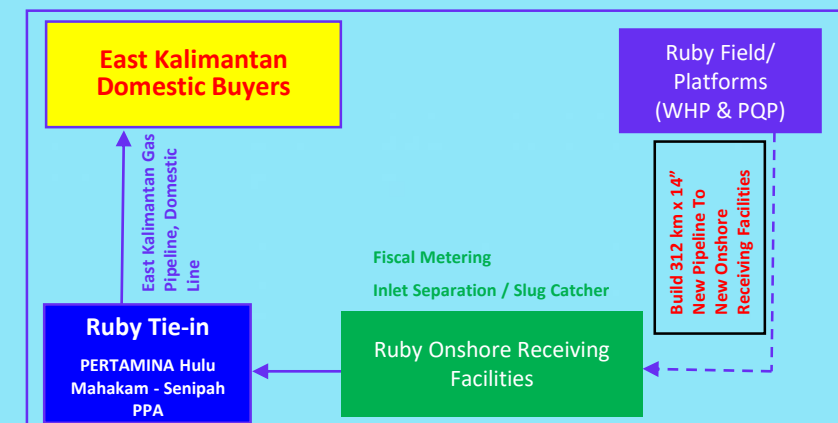
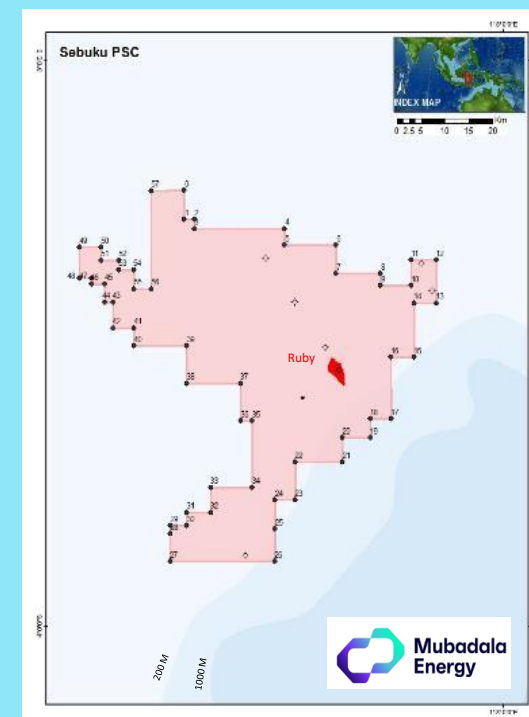
Produksi Lapangan Gas Ruby Dalam Mendukung Ketahanan Pangan Nasional

Widi Hernowo
VP HSSE&AI and Partnership
Mubadala Energy Indonesia

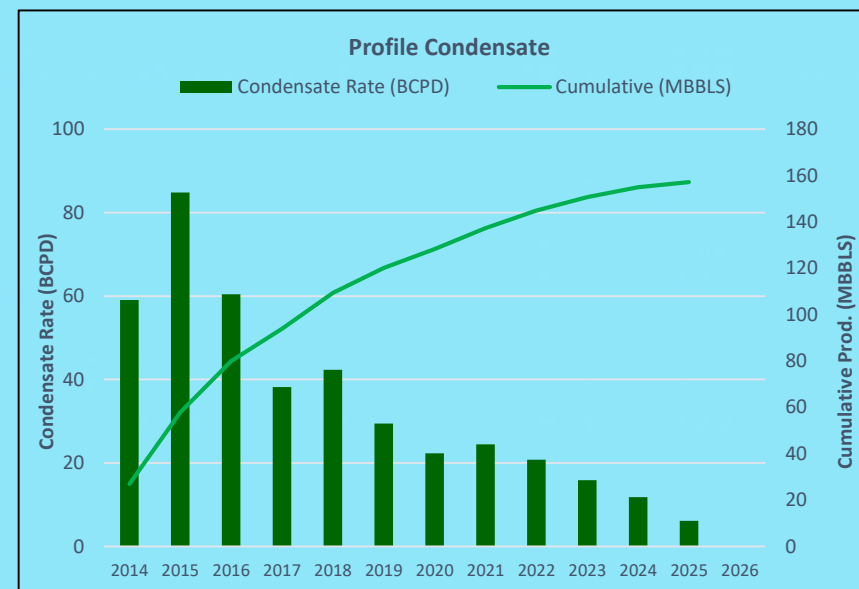
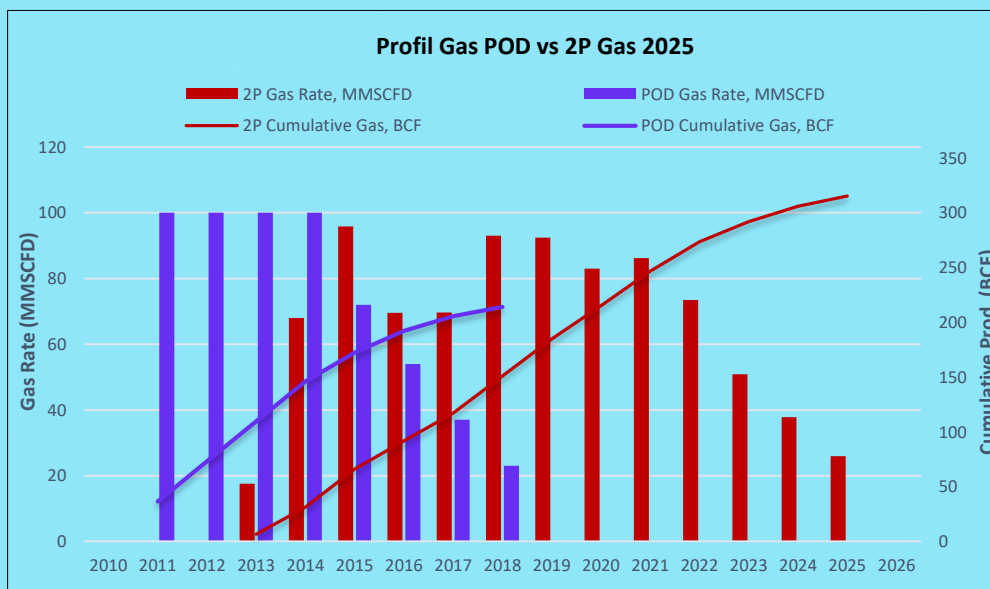
OVERVIEW WILAYAH KERJA

- Provinsi : Kalimantan Selatan
- Kabupaten : Kotabaru
- Participating Interest:
 - Mubadala Energy (Sebuku) Ltd. (63%)
 - Total Energies EP (13.5%)
 - Inpex South Makassar Ltd. (13.5%)
 - PT Dangsana Banua Sebuku (10%)
- Operator : Mubadala Energy (Sebuku) Ltd. (luas : 2,344.90 km²)
- PSC Contract : 1997 – 2027
- Sejarah Singkat Pemegang PI dan *Operatorship* WK:
 - 1997 – *Block awarded to Gulf Indonesia Resources*
 - 2001 – *Conoco (which became ConocoPhillips) acquired Gulf*
 - 2003 – *PearlOil (Sebuku) Ltd. took over from ConocoPhillips*
 - 2023 – *Entity changes from PearlOil (Sebuku) Ltd. to Mubadala Energy (Sebuku) Ltd.*
- Total Produksi Wilayah Kerja : 305.91 BSCF (per 31 Desember 2024)
- Lapangan Produksi : Ruby

	Tahun	Rata-rata Produksi Harian	Kumulatif Produksi
Ruby	2013	89 MMSCFD*	6.4 BSCF
	2014	68 MMSCFD	31.2 BSCF
	2015	96 MMSCFD	66.2 BSCF
	2016	70 MMSCFD	91.7 BSCF
	2017	70 MMSCFD	117 BSCF
	2018	93 MMSCFD	151 BSCF
	2019	92 MMSCFD	185 BSCF
	2020	83 MMSCFD	215 BSCF
	2021	86 MMSCFD	247 BSCF
	2022	73 MMSCFD	273 BSCF
	2023	51 MMSCFD	292 BSCF
	2024	38 MMSCFD	306 BSCF

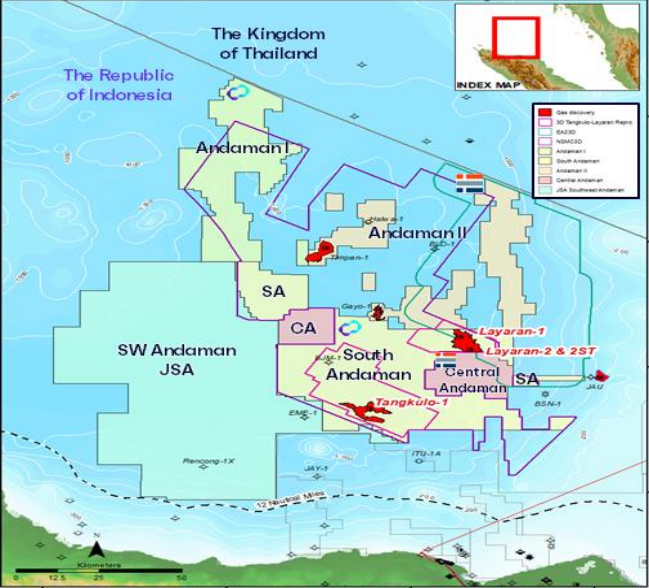


PROFIL PRODUKSI: POD VS KONDISI SAAT INI (REALISASI + *FORECAST*)



Catatan:
produksi kondensat merujuk pada data *actual net volume* yang diterima di RTI
Senipah berdasarkan pembacaan meter dan menggunakan *shrinkage factor*.

TANTANGAN DAN PELUANG BERIKUTNYA

Location – South Andaman	Project Status
	• POD submitted to SKK Migas on 19 December 24 • Completed Appraise concept screening, identified reference case • Obtained LEMIGAS reserves certification • Signed MOUs with potential domestic gas buyers • Awarded Broader Andaman Study (kick off on 9 Jan 25) • Appraise/Select Gate planned within Jan-25 • Ongoing subsurface alignment with HBR • Received bids for Select & Pre-FEED Study • Ongoing Tender Preparation for the Geophysical & Geotechnical Survey and Metocean Survey
Background	Langkah Strategis
• Drilled three Exploration wells: Layaran-1 (2023), Tangkulo-1 (2024), Layaran-2 (2024), • Drilled one Appraisal well: Layaran-2ST (2024; sidetrack) • Deepwater field, located ~80 km from the Arun onshore plant • Reference development case based on eight subsea wells connected to a Floating Production Storage and Offloading (FPSO) facility • Dry gas sent to onshore receiving facility, and gas sold to local domestic market • Potential for future tie-backs of nearby fields (contingent and prospective)	• Perencanaan yang matang • Melibatkan <i>stakeholder</i> dengan cermat dengan harmonisasi yang baik • Berwawasan Lingkungan dan memberdayakan kekuatan setempat • Dengan tujuan antara lain: ○ <i>Mendukung ketahanan energi nasional</i> ○ <i>Mendukung pembangunan ekonomi dan industri</i> ○ <i>Meningkatkan daya saing dan kemandirian energi</i>