



- Three producing fields in the Amadeus Basin.
- Gas discoveries in the McArthur and onshore Bonaparte basins.
- High concentrations of hydrogen and helium in Amadeus Basin sub-salt plays.
- Several frontier basins with conventional oil and gas potential.
- The Territory has approximately 7.4 Tcf of publicly reported gross Prospective Resources (P50) of conventional gas across multiple basins.

Annual production (2023) for conventional oil and gas

Basin	Field	Production licence	Resource	Annual production (2023)	Operator
Amadeus Basin	Mereenie oil and gas field	OL4/5*	Oil (MMbbl)	0.12	Central Petroleum Ltd (25% net share)
			Gas (Bscf)	8.77	
	Palm Valley gas field	OL3	Gas (Bscf)	3.72	Central Petroleum Ltd (50% net share)
	Dingo gas field	L7	Gas (Bscf)	1.22	
	Surprise oil field (suspended)	L6	Oil (MMbbl)	0	Central Petroleum Ltd (100%)

Gross Reserves (2P) and Gross Contingent Resources (2C) for conventional oil and gas

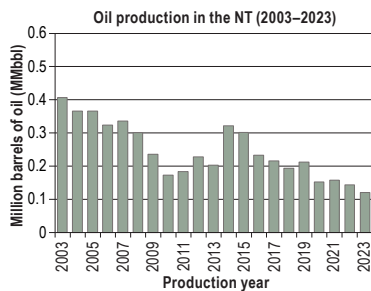
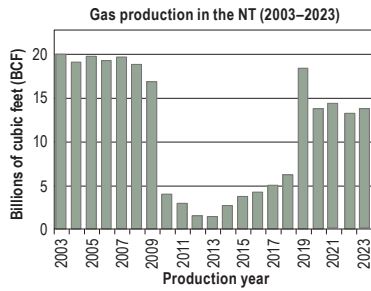
Basin	Field	Formation	Production licence / Exploration permit	Resource	Gross Reserves (2P) ¹	Gross Contingent Resources (2C) ¹	Operator/Reference
Amadeus Basin	Mereenie oil and gas field	Mereenie Sandstone	OL4/5	Oil (MMbbl)	1.5	0.2	Central Petroleum Ltd (50% net share) (2023)
				Gas (Bscf)	142.2	172.9	
	Palm Valley gas field	Pacoota Sandstone	OL3	Gas (Bscf)	25.4	8.7	Central Petroleum Ltd (50% net share) (2023)
	Dingo gas field	Arumbera Sandstone	L7	Gas (Bscf)	41.5		
		Gillen Member / basement	EP125 (Jacko Bore formerly Mount Kitty 1)	Gas (Bscf)		39 (gas) 18 (helium) 22 (hydrogen)	Santos (Central Petroleum 30% net share) (2023)
Bonaparte Basin		Langfield Group	RL1 (Weaber 1)	Gas (Bscf)		11.5	Advent Energy (2023)
McArthur Basin		Coxco/Reward Dolostone	EP171 (Glyde 1)	Gas (Bscf)		6	McArthur Oil & Gas (2021)

Gross Prospective Resources (P50) for conventional oil and gas

Basin	Formation	Exploration permit	Resource	Gross Prospective Resources (P50)	Operator/Reference
Amadeus Basin	Gillen Member	EP155 (Mount Winter 1)	Gas (BCFG)	1220 (total gas) 148 (helium) 135 (hydrogen)	Georgina Energy PLC (2023)
	Gillen Member	EP112 (Dukas 1)	Gas (Bscf)	742 (gas) 114 (helium) 145 (hydrogen)	Central Petroleum Ltd (45% net share) (2023)
	Heavitree Formation	EP82 (Mahler 1)	Gas (Bscf)	10 (gas) 2.2 (helium) 1.8 (hydrogen)	Central Petroleum Ltd (60% net share) (2023)
	Pacoota Formation	L6 (Mamlambo)	Oil (MMbbl)	13	Central Petroleum Ltd (2023)
	Pioneer/Areyonga formations	L7 (Dingo Deep)	Gas (Bscf)	46 ¹	Central Petroleum Ltd (50% net share) (2023)
	Arumbera/Pioneer/Areyonga formations	EP82 (Orange 3)	Gas (Bscf)	269 ¹	Central Petroleum Ltd (2023)
	Arumbera Formation	OL3 (Palm Valley Deep)	Gas (Bscf)	71 ¹	Central Petroleum Ltd (50% net share) (2023)
	Gillen Member / basement	EP145 (West Walker 1, Tent Hill 1)	Gas (Bscf)	440 (total gas) 26.4 (helium) 26.4 (hydrogen)	Greenvale Energy Ltd (2023)
McArthur Basin	Coxco/Reward Dolostone	EP171 (Glyde 1)	Gas (Bscf)	2645	
	Tawallah Group, McDermott Formation	EP171 EP176	Gas (Bscf)	1430	McArthur Oil & Gas (2021)
	Tawallah Group, Wollogorang Formation	EP176 EP190	Gas (Bscf)	547	
	Coxco Dolostone Member/Reward Dolostone	EP171 EP176	Condensate (MMBbl)	17.6	McArthur Oil & Gas (ASX: Armour Energy 2012) ²
Georgina Basin	Hagen Member	EP127	Oil (MMBbl)	24.7	Ryder Scott (2010)
	Arthur Creek Formation		Oil (MMBbl)	1.3	

¹ Converted PJ to Bscf (multiply 0.948) ² Last reported prospective resources for conventional oil *Production licences and exploration permit numbers in tables labelled on map

Conventional oil and gas in the Northern Territory



Total production
496 Bcf gas and 19 MMbbl oil

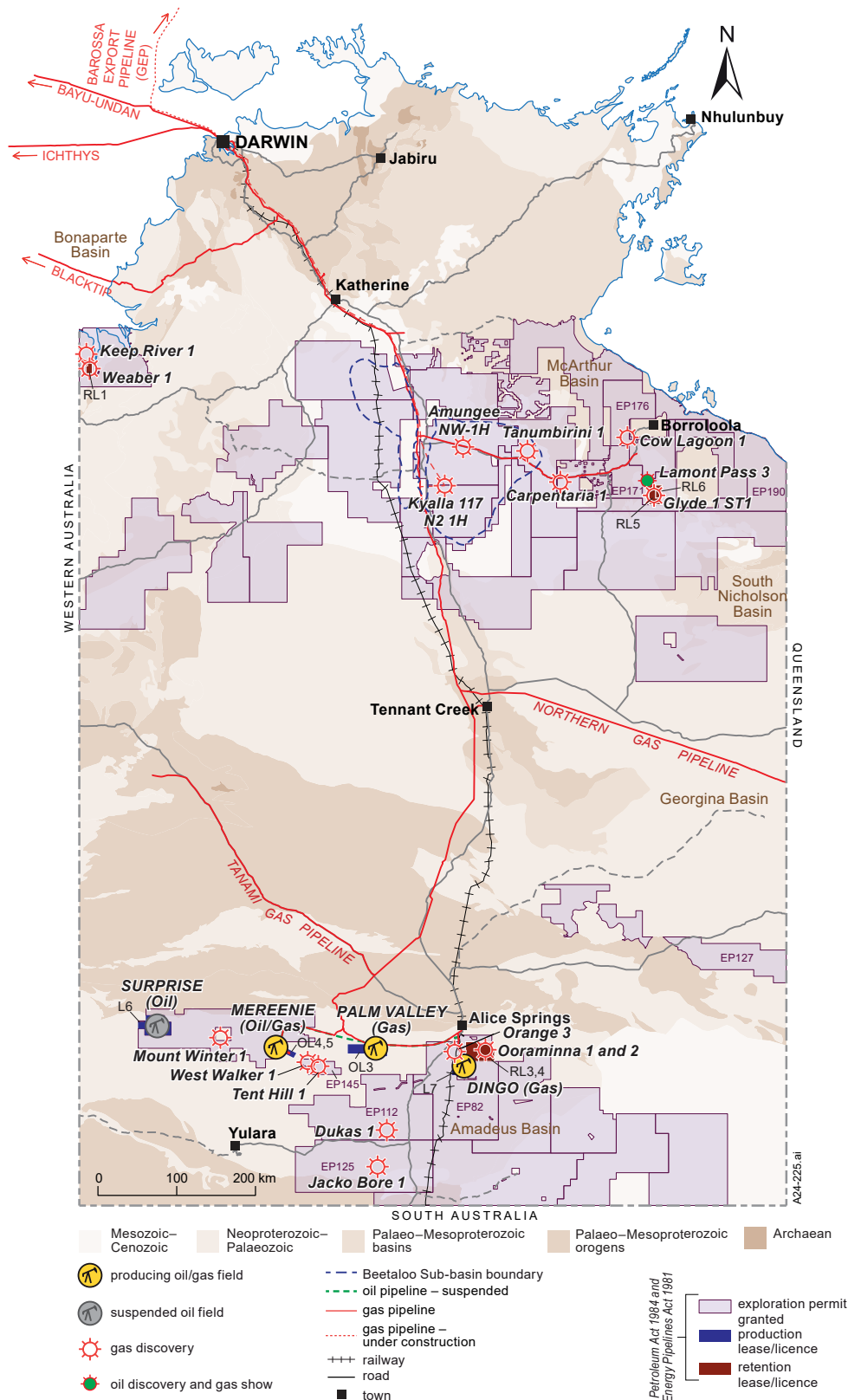


NT gas reserves connected
to eastern Australia gas
markets



Production ranking
in Australia

- 1st Liquefied petroleum gas (LPG)*
- 2nd condensate
- 3rd natural gas*



Production licences and exploration permit numbers in tables labelled on map

*Source: APPEA Key Statistics 2023

September 2024