



Image: Central Petroleum

- 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.

Producing fields

Basin	Field	Resource	Annual Production (2022)	Gross Reserves (2P)	Gross Contingent resource (2C)	Operator
Amadeus	Mereenie oil and gas field	Oil (MMbbl)	0.14	1.5	0.2	Central Petroleum Ltd
		Gas (Bscf)	9.74	139.4	162.2	
	Palm Valley gas field	Gas (Bscf)	2.11	22.6	12.1	
	Dingo gas field	Gas (Bscf)	1.44	33.8		
	Surprise oil field (suspended)	Oil (MMbbl)	0	6.42	5.85	

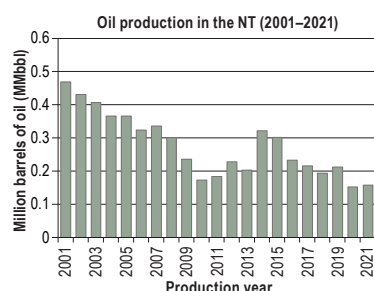
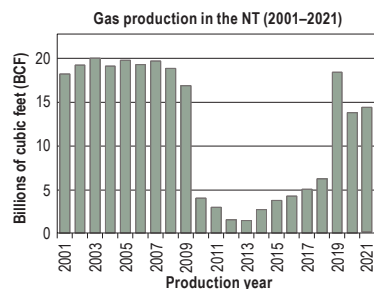
Conventional oil contingent and prospective resources

Basin	Formation	Resource	Gross Contingent Resources (2C)	Prospective Resources (P50)	Reference
Georgina	Hagen Member	Oil (MMBbl)		30.5	Ryder Scott (2010)
	Steamboat Sandstone	Oil (MMBbl)		58.3	
	Arthur Creek Formation	Oil (MMBbl)		1.3	
	Thorntonia Limestone	Oil (MMBbl)		1,026.3	
McArthur	Coxco Dolostone Member/ Reward Dolostone	Condensate (MMBbl)		17.6	MBA (2012)

Conventional gas contingent and prospective resources

Basin	Formation	Resource	Gross Contingent Resources (2C)	Prospective Resources (P50)	Reference
	Gillen Member (Mt Winter 1)	Gas (Bscf)		1,500 (total gas) 75 (helium)	Westmarket Oil & Gas (2020)
	Gillen Member/Basement (Mt Kitty 1)	Gas (Bscf)		61 (total gas) 29.7 (helium)	Santos (2015)
	Gillen Member (Dukas 1)	Gas (Bscf)		No published resource	
Bonaparte	Langfield Group (Weaber 1)	Gas (Bscf)	11.5		Advent Energy (2023)
McArthur	Coxco/Reward Dolostone (Glyde 1)	Gas (Bscf)	6	2,645	McArthur Oil & Gas (2021)
	Tawallah Group, McDermott Formation source	Gas (Bscf)		1,430	
	Tawallah Group, Wollogorang Formation source	Gas (Bscf)		547	

Conventional oil and gas in the Northern Territory



Total production
482 Bcf gas and 19 MMbbl oil

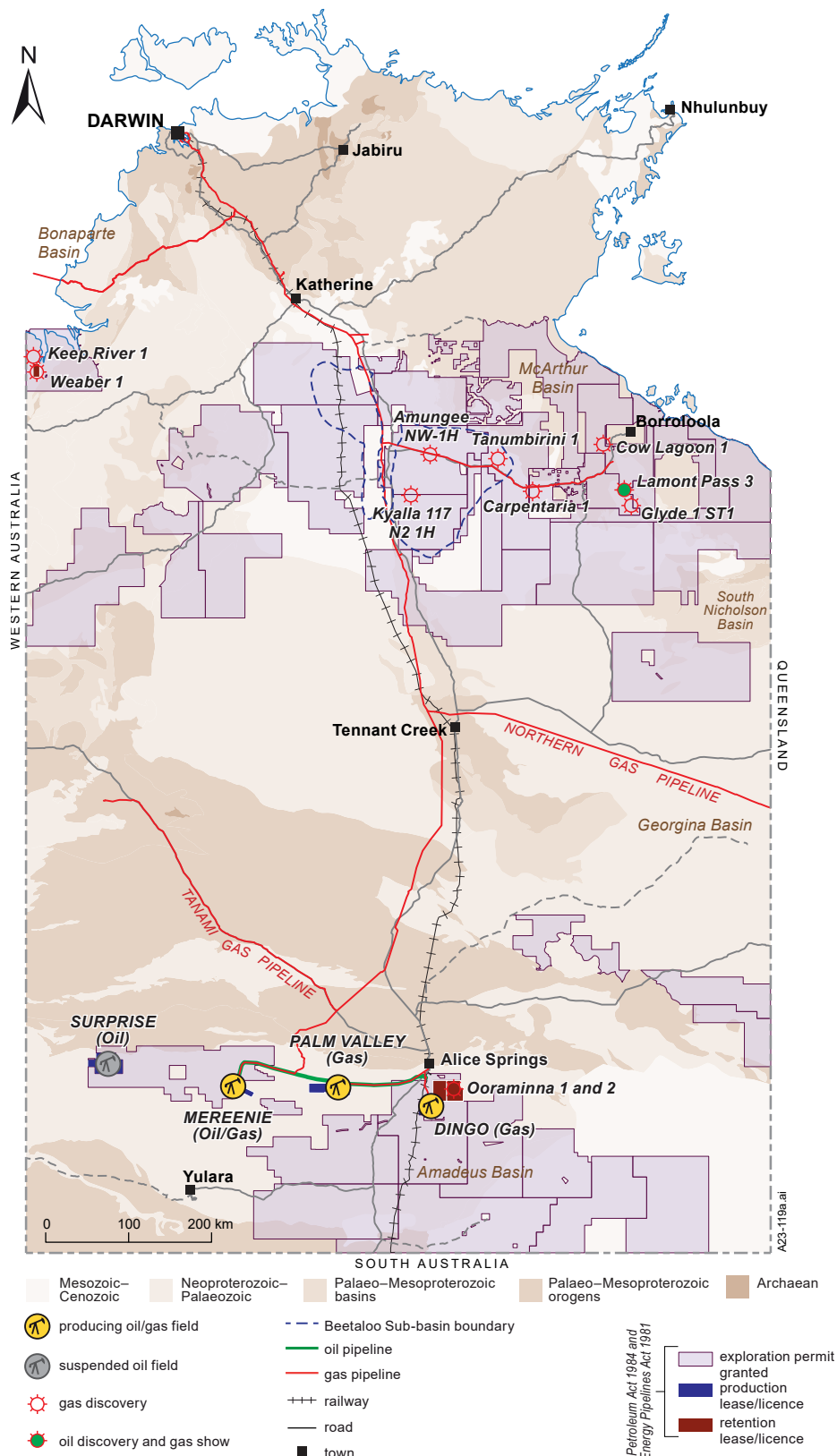


NT gas reserves connected
to eastern Australia gas
markets



Production ranking
in Australia

1st Liquefied petroleum gas (LPG)*
2nd condensate and natural gas*



*Source: APPEA Key Statistics 2021

April 2023