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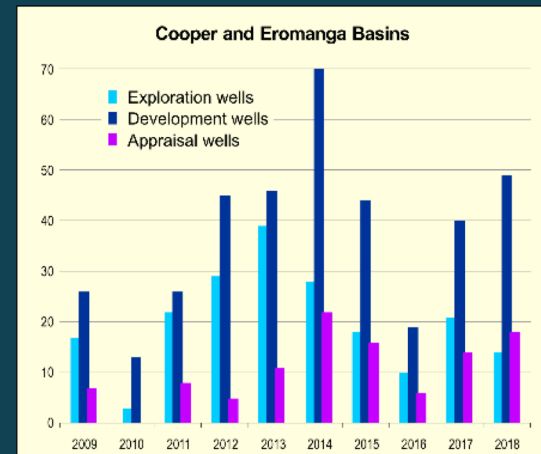
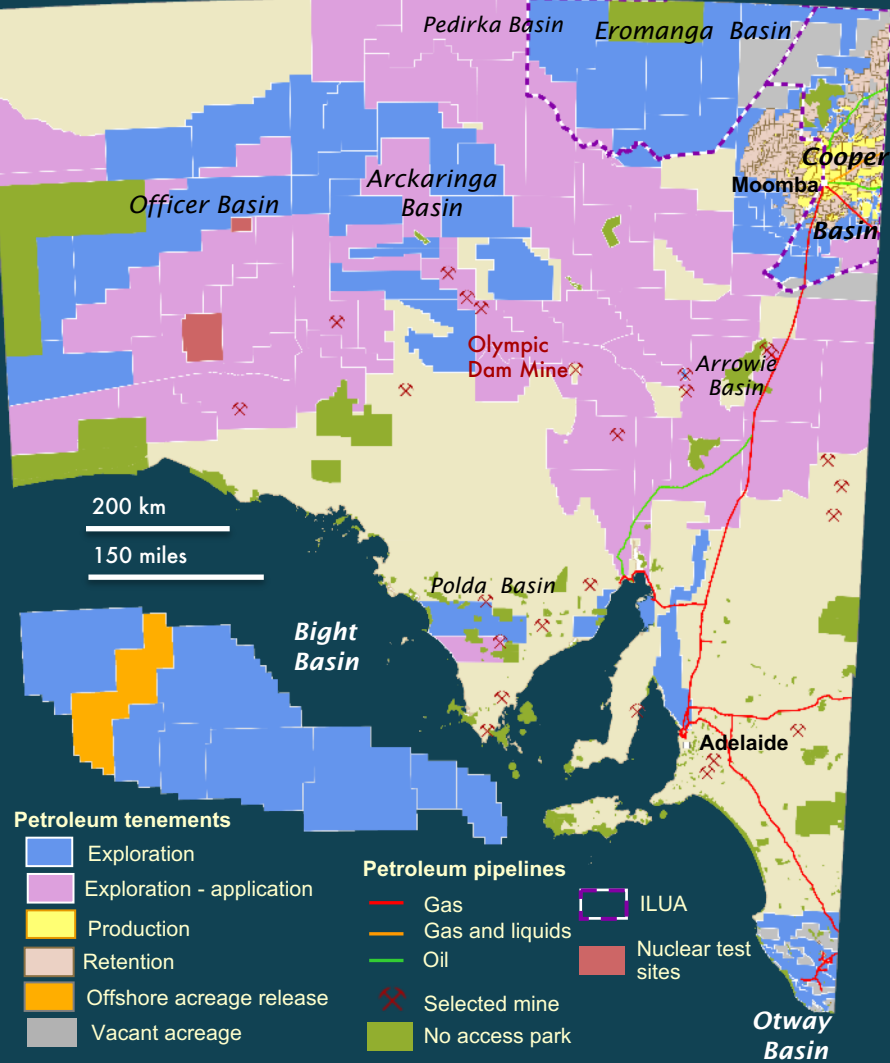
Australia PETROLEUM

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<http://www.energymining.sa.gov.au/petroleum>



State of play in SA

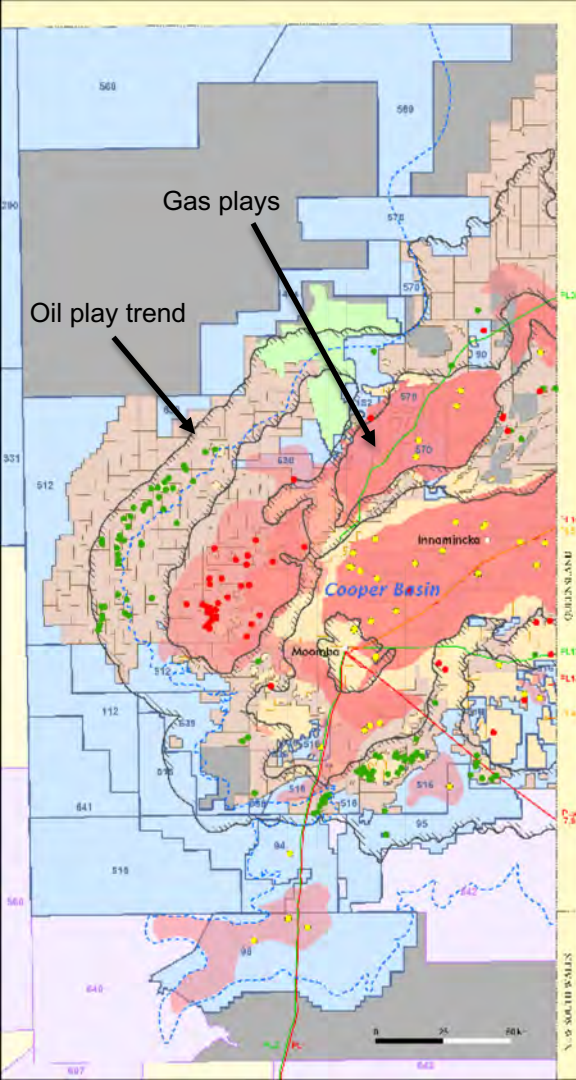
- SA and Qld Cooper-Eromanga basins remain Australia's largest onshore oil and gas producer
- Acreage releases proposed in SA Cooper & Otway basins this year
- Over-the-counter applications elsewhere, max area 10,000 sqkm (2.471 million acres)
- PELAs (pink) - overlapping applications can be made but first one has priority for determination followed by successive applications.








2019 Cooper Basin acreage release

- Proven oil and gas play trends in Cooper-Eromanga basins
- Potential new plays in underlying Cambro-Ordovician Warburton Basin – the original target in 1950s.
- CO2019 release at the annual APPEA Conference and Exhibition in May.
- Work program bidding - 5 year exploration program:
 - Application fee AUD4,444 (~ USD3181)
 - scoring method published,
 - evidence of financial and technical capacity,
 - winning bids published.
- Details of all licenses can be viewed via online License Register:





http://www.energymining.sa.gov.au/petroleum/licensing_and_land_access/register



Petroleum tenements

	Exploration
	Production
	Exploration application
	Retention
	Vacant acreage

Petroleum pipelines

	Gas
	Gas and liquids
	Oil
	National Park – no petroleum access



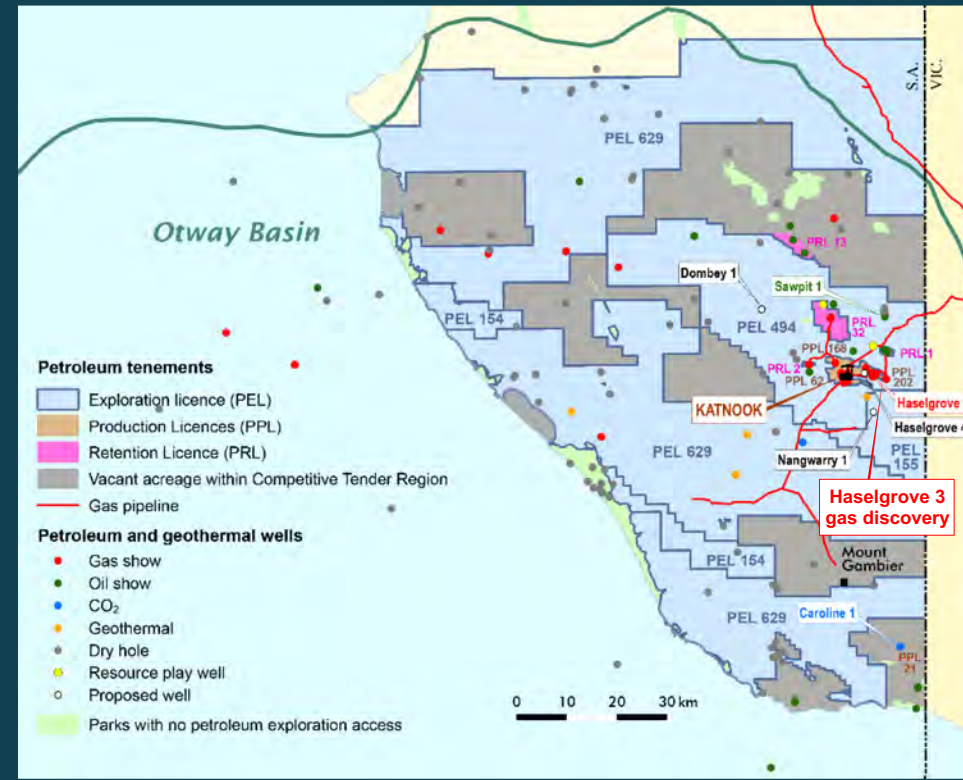
Otway Basin

- Jurassic – Late Cretaceous rift basin
- Commercial gas production from 8 gasfields – 71 PJ gas & 414,000 bbl condensate from 1991-2011.
- Caroline 1 produced 14 bcf CO₂ and up to ~60 bbl heavy oil/yr (1968-2016).
- Sawpit 1 recovered oil on test.
- 2017 Beach Haselgrove 3 gas discovery co-funded with SA Govt \$6m PACE Gas grant.
- Beach Energy - new gas plant at Katnook; AUD6m Federal Govt grant, total cost ~AUD23 m

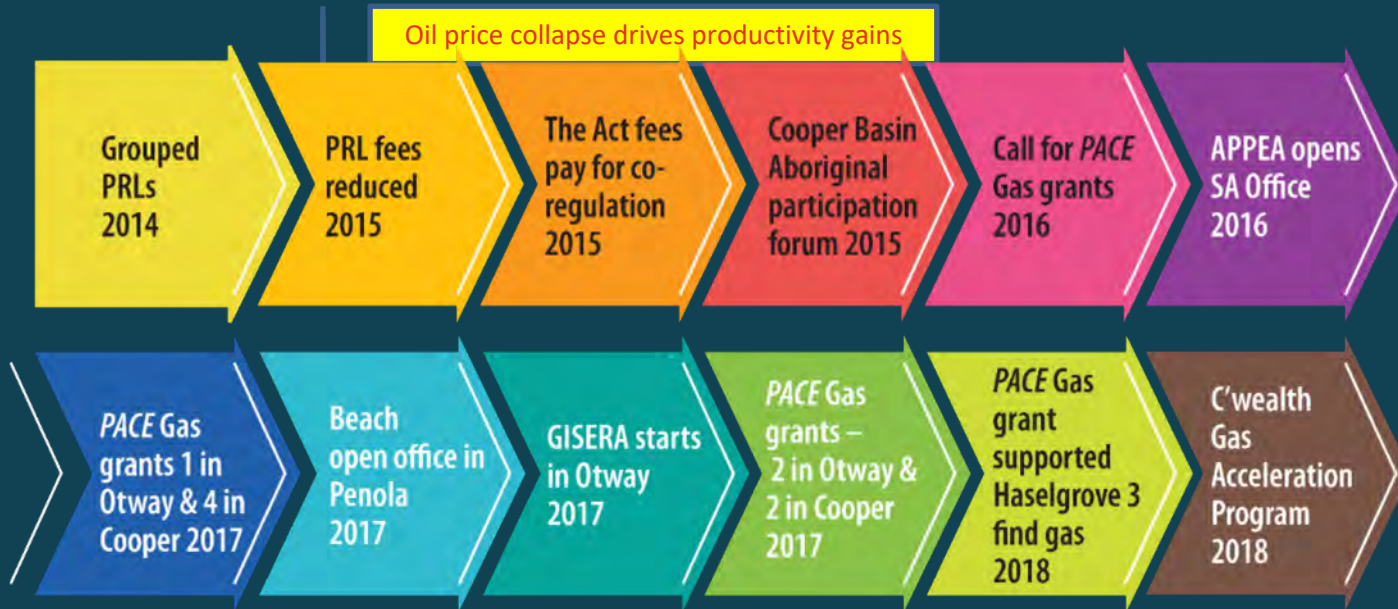
Vacant acreage:

- 2,111 km² (521,639 acres) vacant acreage.
- Oil and gas potential, variety of plays.
- Release proposed later this year.
- Work program bidding.

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Key events 2014-18



Forecast for 2019 – 20:

- Acreage releases in Cooper and Otway basins
- Royalties for regions implemented – land access
- Q1-2 Otway drilling, new gas plant construction
- More Cooper-Eromanga discoveries
- Offshore Bight exploration
- Roundtable and Roadmap

Renewed **Roundtable for Oil and Gas** working groups:

- 1 Legislation/Regulation
- 2 Water
- 3 Infrastructure
- 4 Service sector and supply chain

- 5 Productivity (e.g. operations, completions, decommissioning & rehab, EOR)
- 6 Knowledge management
- 7 Other issues

http://www.energymining.sa.gov.au/petroleum/roundtable_for_oil_and_gas