



PRESENT-DAY ORGANIC MATURITY  
(vitrinite reflectance equivalent)  
AT THE TOP OF THE GILLEN MEMBER  
OF THE BITTER SPRINGS FORMATION

Location	VRE (Lopatin)	VRE (meas.)
1 Mt. Winter-1	1.30	
2 E. Johnny's Ck-1	1.10	
3 Mereenie Oil and Gas Field	1.80	
4 Erldunda-1	0.70	
5 Mt. Charlotte-1	0.80	1.10
6 Bluebush-1	0.82	0.70
7 Palm Valley Gas Field	8.20	
8 Dingo - 1,2	1.50	
9 Ooraminna-1	1.40	
10 BMR Alice Springs-3		1.90

**LEGEND**

- VRE 0.6% & 1.3% iso-reflectance lines
- Oil fairway
- Gas fairway
- Present basin margin

Jackson, Mc Kirdy and Deckelman, 1984