Rule 3.19A.2

Appendix 3Y

Change of Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/09/01 Amended 01/01/11

Name of entity Woodside Petroleum Limited	
ABN 55 004 898 962	

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Robert James COLE
Date of last notice	27 March 2012

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Direct or indirect interest	Indirect
Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	Ordinary shares held by Pacific Custodians Pty Ltd as trustee under the managed share facility
Date of change	2 August 2012

⁺ See chapter 19 for defined terms.

No. of securities held prior to change	Direct: 7,163 ordinary shares
	4,386 equity rights held under the Employee Equity Plan (as previously disclosed in Woodside's 2011 Annual Report)
	1,830 equity rights held under the Woodside Equity Plan (as previously disclosed in Woodside's 2011 Annual Report)
	Indirect:
	4,007 ordinary shares held by Asgard Capital Management Ltd (Account: Robert Cole)
	8,942 ordinary shares held by Pacific Custodians Pty Ltd as trustee under the managed share facility
	4,004 ordinary shares held by Pacific Custodians Pty Ltd as trustee of the Woodside Executive Incentive Plan
	The key terms of Woodside's employee share plans are set out in Note 27 to the 2011 Financial Report, which appears on pages 118-128 of the 2011 Annual Report.
Class	Ordinary
Number acquired	4,386
Number disposed	Nil
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	Consideration is the provision of services under an executive employment agreement.
	Estimated value at 2 August 2012 (the allocation date): \$33.33 per share (based on the average of the daily volume-weighted average sale price of shares sold on the ASX during the five trading days prior to the allocation date).

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⁺ See chapter 19 for defined terms.

No. of securities held after change	Direct:
	7,163 ordinary shares
	1,830 equity rights held under the Woodside Equity Plan
	Indirect:
	4,007 ordinary shares held by Asgard Capital Management Ltd (Account: Robert Cole)
	13,328 ordinary shares held by Pacific Custodians Pty Ltd as trustee under the managed share facility
	4,004 ordinary shares held by Pacific Custodians Pty Ltd as trustee of the Woodside Executive Incentive Plan
	The key terms of Woodside's employee share plans are set out in Note 27 to the 2011 Financial Report, which appears on pages 118-128 of the 2011 Annual Report.
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Vesting of 4,386 equity rights awarded to Mr Cole under the Employee Equity Plan in 2009 and 2010.
	These entitlements were included in the summary of senior executives' interests in Equity Rights in the 2011 Remuneration Report, which appears on pages 55 to 69 of the 2011 Annual Report.

Part 2 – Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract	Mr Cole is a participant in the Executive Incentive Plan.	
	The key terms of Mr Cole's participation in the	
	Executive Incentive Plan are set out in the 2011	
	Remuneration Report, which appears on pages 55 to 69	
	of the 2011 Annual Report.	

⁺ See chapter 19 for defined terms.

Nature of interest	
wature of interest	Direct
	39,694 variable pay rights (VPRs) held under the
	Executive Incentive Plan. As set out in the 2011
	Remuneration Report, whether shares will be allocated upon vesting of the VPRs and, if so, the number of shares to be allocated, will depend on:
	the extent to which various vesting conditions are met; and
	whether the Board determines that the VPRs are to be satisfied by cash or an allocation of shares.
Name of registered holder	N/A
(if issued securities)	IVA
Date of change	N/A
No. and class of securities to which interest related prior to change Note: Details are only required for a contract in relation to which the interest has changed	N/A
Interest acquired	N/A
Interest disposed	N/A
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation	N/A
Interest after change	N/A

Part 3 – +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written	No
clearance was required?	
If so, was prior written clearance provided to allow the trade to proceed during this period?	N/A
If prior written clearance was provided, on what date was this provided?	N/A

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⁺ See chapter 19 for defined terms.