

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 Ltd
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	Melinda CILENTO
Date of last notice	5 May 2011

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.	Beneficial interest in ordinary shares held pursuant to the Non-Executive Directors' Share Plan by the trustee, Pacific Custodians Pty Ltd
Date of change	31 August 2011
No. of securities held prior to change	Direct: 500 ordinary shares Indirect: 457 ordinary shares held by Pacific Custodians Pty Ltd as trustee of the Non-Executive Directors' Share Plan
Class	Ordinary
Number acquired	287
Number disposed	Nil
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	\$34.69 per share
No. of securities held after change	Direct: 500 ordinary shares Indirect: 744 ordinary shares held by Pacific Custodians Pty Ltd as trustee of the Non-Executive Directors' Share Plan

+ See chapter 19 for defined terms.

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Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	On-market purchase by the trustee of the Non-Executive Directors' Share Plan on pre-determined date pursuant to the rules of the Non-Executive Directors' Share Plan
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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	N/A
Nature of interest	N/A
Name of registered holder (if issued securities)	N/A
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 clearance was required?	No
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

⁺ See chapter 19 for defined terms.