Meloy Charles Alvin Form 4

February 17, 2010 FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue.

Check this box

if no longer

subject to

Section 16.

Form 4 or

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Print or Type Responses)												
1. Name and A Meloy Cha	2. Issuer Name and Ticker or Trading Symbol ANADARKO PETROLEUM CORP [APC]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
				3. Date of Earliest Transaction (Month/Day/Year) 02/15/2010					Director 10% Owner X Officer (give title Other (specify below) SVP, Worldwide Operations			
				(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
(City)	(0, ,) (7')						Person					
1.Title of Security (Instr. 3)	, ,	. Transaction Date 2A. Deemed			4. Securit on(A) or Dis (Instr. 3, 4	ies Ac	quired l of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	Securities Ownership Indirect Beneficially Form: Direct Beneficially Owned (D) or Owner Following Indirect (I) (Instr. 4) Fransaction(s)			
Common Stock	02/15/2010			Code V A	Amount 17,630 (1)	(D) A	Price \$ 65.32	(Instr. 3 and 4) 48,752	D			
Common Stock	02/15/2010			F	4,933	D	\$ 65.32	43,819	D			
Common Stock								200	I	By Daughter		
Common Stock								93	I	By Son (2)		

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	•	6. Date Exerc	cisable and	7. Tit	le and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction		umber	Expiration Da	xpiration Date		ınt of	Derivative	
Security	or Exercise		any	Code	of	f	(Month/Day/	Year)	Under	rlying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	3) D	erivative			Secur	ities	(Instr. 5)	
	Derivative				Securities			(Instr. 3 and 4)				
	Security				A	cquired						
					(A	A) or						
					D	isposed						
					of	f (D)						
					(I	nstr. 3,						
					4,	and 5)						
										Amount		
										Amount		
							Date	Expiration	TP:41	or		
							Exercisable	Date		Number		
				C 1	3 7 ()	4) (D)				of		
				Code	V (A	A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Meloy Charles Alvin ANADARKO PETROLEUM CORPORATION 1201 LAKE ROBBINS DRIVE THE WOODLANDS, TX 77380

SVP, Worldwide Operations

Signatures

/s/ Linda Mansker by power of atty. for Charles A.
Meloy

02/17/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents payment of award earned under the reporting person's Performance Unit Agreement for the performance period beginning January 1, 2008 and ending December 31, 2009.
- (2) The reporting person disclaims beneficial ownership to these shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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