Palmer C. Michael Form 4 December 07, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Palmer C. Michael

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

Marathon Petroleum Corp [MPC]

3. Date of Earliest Transaction (Month/Day/Year)

12/05/2012

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

10% Owner

Other (specify

Plan

C/O MARATHON PETROLEUM CORPORATION, 539 S. MAIN

(Street)

(State)

(First)

STREET

(City)

Stock

(Last)

4. If Amendment, Date Original

Filed(Month/Day/Year)

below) Sr. VP, Supply Distrib. & Plan

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

X_ Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

FINDLAY, OH 45840

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially	6. Ownership Form: Direct	7. Nature of Indirect Beneficial		
,		(Month/Day/Year)	(Instr. 8)			,	Owned Following	(D) or Indirect (I)	Ownership (Instr. 4)	
			Code V	A 4	(A) or	D:	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)		
Common Stock	12/05/2012		Code V F	Amount 42	(D)	Price \$ 58.69	14,014.6037 (1)	D		
Common							3,699.448 <u>(2)</u>	I	By 401(k)	

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

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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. Titl	le and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	int of	Derivative	J
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)		Price of		(Month/Day/Year)	(Instr. 8)	Derivative	,		Securities (Instr. 3 and 4)		(Instr. 5)]
		Derivative			Securit						(
Sec		Security				Acquired						J
		-				(A) or						J
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
										Amount		
							Date Expiration Exercisable Date	Expiration		or Number		
									of			
					C-1- 1	7 (A) (D)						
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Palmer C. Michael C/O MARATHON PETROLEUM CORPORATION 539 S. MAIN STREET FINDLAY, OH 45840

Sr. VP, Supply Distrib. & Plan

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Signatures

/s/ Molly R. Benson, Attorney-in-Fact for C. Michael Palmer

12/07/2012

**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) Includes 0.236554 shares acquired pursuant to dividend reinvestment and not previously reported pursuant to Rule 16a-11.
- (2) Includes 69.594 shares acquired pursuant to dividend reinvestment and not previously reported pursuant to Rule 16a-11.

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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