

Peiffer Garry L.
Form 4/A
December 21, 2011

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Peiffer Garry L.

2. Issuer Name and Ticker or Trading Symbol
Marathon Petroleum Corp [MPC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
C/O MARATHON PETROLEUM CORPORATION, 539 S. MAIN STREET

3. Date of Earliest Transaction (Month/Day/Year)
06/30/2011

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Executive VP (See Remarks)

(Street)
FINDLAY, OH 45840

4. If Amendment, Date Original Filed(Month/Day/Year)
07/05/2011

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	06/30/2011		A ⁽¹⁾	V Amount (D) Price	18,356 A ⁽¹⁾ / ₍₂₎ 18,356 ⁽²⁾ ⁽³⁾	D	

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

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SEC 1474 (9-02)

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Peiffer Garry L. C/O MARATHON PETROLEUM CORPORATION 539 S. MAIN STREET FINDLAY, OH 45840			Executive VP (See Remarks)	

Signatures

/s/ Molly R. Benson, Attorney-in-Fact for Garry L. Peiffer
 **Signature of Reporting Person
 Date: 12/21/2011

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) Adjusted distribution resulting from the spin-off of Issuer from Marathon Oil Corporation on June 30, 2011 ("the "Spin-Off").
 The amount previously reported in this row was estimated as of July 5, 2011 based on preliminary information regarding the Spin-Off.
- (2) That previous report included a footnote indicating that in the event final amounts differed from those estimated as of July 5, a subsequent filing would provide any corrections necessary. The amount reflected in this row represents such a correction.
 This amended Form 4 is being filed to include 3,373 shares acquired in a pro-rata distribution of Issuer shares from Marathon Oil Corporation in connection with the Spin-Off and were omitted from the Reporting Person's Form 4, which was filed on July 5, 2011. Such shares were also omitted from the Reporting Person's subsequent Form 4, which was filed on December 7, 2011.

Remarks:

Executive Vice President, Corporate Planning and Investor & Government Relations

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.