Heminger Gary R Form 3 June 06, 2011

FORM 3

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

OMB APPROVAL

OMB Number:

3235-0104

0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

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response...

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 *

A Heminger Gary R

(Last)

(First) (Middle) Statement

(Month/Day/Year)

06/06/2011

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Marathon Petroleum Corp [MPC]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O MARATHON **PETROLEUM** CORPORATION. 539 S.

MAIN STREET

1. Title of Security

(Instr. 4)

(Street)

(Check all applicable)

X Director 10% Owner _X_ Officer Other (give title below) (specify below) President & CEO

6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

FINDLAY, OHÂ 45840

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

4. Nature of Indirect Beneficial

Ownership (Instr. 5)

Direct (D) or Indirect (Instr. 5)

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

SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying **Derivative Security** (Instr. 4)

4. 5. Ownership Conversion or Exercise Form of Price of Derivative Derivative Security:

6. Nature of Indirect Beneficial Ownership

(Instr. 5)

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Date Expiration Title Amount or Security Direct (D)

Exercisable Date Number of or Indirect
Shares (I)

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Heminger Gary R C/O MARATHON PETROLEUM CORPORATION 539 S. MAIN STREET FINDLAY, OH 45840	ÂX	Â	President & CEO	Â

Signatures

/s/ Molly R. Benson, Attorney-in-Fact for Gary R.
Heminger 06/06/2011

**Signature of Reporting Person Date

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

Exhibit List:

Exhibit 24 - Power of Attorney

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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