June 06, 2011						
FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION			OMB APPROVAL			
		Washington, D.C. 20549			OMB Number:	3235-0104
INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF				Expires:	January 31, 2005	
		SECURITIES			Estimated a	
File	d purquant	to Section 16(a) of the	Securities Exchange Act of 19	burden hours per		
	-		ng Company Act of 1935 or S		response	0.5
Sectio		O(h) of the Investment C	e 1 1	ection		
	50					
(Print or Type Responses)						
1. Name and Address of Rep	d Address of Reporting 2. Date of Event Requiring 3. Issuer Name <b>and</b> Ticker or Trading Syr			ing Syn	ıbol	
Person *		Statement	Marathon Petroleum Corp [MPC]			
Nichols Rodney P.		(Month/Day/Year)	1 -	1		
(Last) (First)	(Middle)	06/06/2011	4. Relationship of Reporting	5. If A	mendment, Da	te Original
			Person(s) to Issuer	Filed(1	Month/Day/Year	)
C/O MARATHON						
PETROLEUM	~ ~		(Check all applicable)			
CORPORATION, 539	9 S.		Director 10% Owner			
MAIN STREET			X_OfficerOther			
(Street)			(give title below) (specify below) VP, HR & Admin. Services	6. Indi	vidual or Joint	/Group
				•	Check Applicab	
	40			_X_Fo	orm filed by One	Reporting
FINDLAY, OH 458	40			Fo	rm filed by More	e than One
(City) (State)	(Zip)	Table I - N	Non-Derivative Securities Be	neficia	ally Owned	

1.Title of Security (Instr. 4)

Nichols Rodney P.

Form 3

 Table I - Non-Derivative Securities Beneficially Owned

Ownership

Direct (D) or Indirect (I) (Instr. 5)

Form:

3.

2. Amount of Securities Beneficially Owned (Instr. 4)

4. Nature of Indirect Beneficial Ownership (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	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)
		(Instr. 4)	Price of	Derivative	
			Derivative	Security:	

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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	
Nichols Rodney P. C/O MARATHON PETROLEUM CORPORATION 539 S. MAIN STREET FINDLAY, OH 45840	Â	Â	VP, HR & Admin. Services	Â	
Signatures					
/s/ Molly R. Benson, Attorney-in-Fact for Rodney P. Nichols	06/06	5/2011			
<u>**</u> Signature of Reporting Person	D	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).

## Â

**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.