FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name ar	Mar	2. Issuer Name and Ticker or Trading Symbol  Marathon Petroleum Corp [ MPC ]									elationshi eck all app Direc	olicable)	ng Perso	Person(s) to Issuer						
(Last)	(Fir	st) (N	/liddle)			3. Date of Earliest Transaction (Month/Day/Year) 01/31/2018										er (give title w)		Other (specify below)		
C/O MAI											Sr.	Sr. Vice President, Marketing								
539 S. M	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)										
(Street)											X Form filed by One Reporting Person									
FINDLA'	Y OF	I 4	5840													Form filed by More than One Reportin Person				
(City)	(Sta	ate) (Z	ľip)																	
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day)						Execution Date,		Transaction Disposed Code (Instr. and 5)		ities Acquired (A) d Of (D) (Instr. 3, 4					6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
				Code	v	Amount	(A (D	) or P	rice	Transa	action(s) 3 and 4)	(		(						
Common	018				A		1,108 A		\$0.00	35,7	35,761.6795									
Common										2,9	2,954.694			By 401(k) Plan <sup>(1)</sup>						
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
1. Title of Derivative Security (Instr. 3)	rivative Conversion or Exercise (Month/Day/Year) Execution Date,				4. Transac Code (Ir 8)		of Derive Secur Acque (A) or Disposof (D)	umber 6. Date Exerc Expiration Da ivative (Month/Day/Y urities urities urities or posed D) tr. 3, 4			sable and 7. Title and te Amount of				9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Own Forn Director In (I) (II 4)	t (D) direct	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code	Date Expiration Code V (A) (D) Exercisable Date Title		Numb of Share														

## **Explanation of Responses:**

1. Reflects the deduction of an administrative fee in the amount of .022 shares.

## Remarks:

Senior Vice President, Marketing

/s/ Molly R. Benson, Attorney-in-Fact for Thomas

M. Kelley

\*\* Signature of Reporting Person

02/02/2018

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.