

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

FORM S-3  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

**MARATHON PETROLEUM CORPORATION**

(Exact name of registrant as specified in its charter)

Delaware  
(State or other jurisdiction of  
incorporation or organization)

539 South Main Street  
Findlay, Ohio 45840-3229  
(419) 422-2121

(Address, including zip code, and telephone  
number, including area code, of registrant's  
principal executive offices)

27-1284632  
(I.R.S. Employer Identification No.)

Suzanne Gagle, Esq.  
Vice President and General Counsel  
539 South Main Street  
Findlay, Ohio 45840-3229  
(419) 422-2121

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copy to:

Michael J. Solecki  
Jones Day  
North Point  
901 Lakeside Avenue  
Cleveland, Ohio 44114  
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**Approximate date of commencement of proposed sale to the public:** From time to time after the effective date of this Registration Statement.

If the only securities being registered on this Form are to be offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company) Smaller Reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

**CALCULATION OF REGISTRATION FEE**

<p style="text-align: center;"><b>Title of Each Class of Securities to be Registered</b></p>	<p style="text-align: center;"><b>Amount to be Registered/ Proposed Maximum Offering Price Per Unit/Proposed Maximum Aggregate Offering Price/Amount of Registration Fee (1)(2)</b></p>
Senior Debt Securities and Subordinated Debt Securities	
Common Stock, par value \$0.01 per share	
Preferred Stock, par value \$0.01 per share	
Warrants	
Stock Purchase Contracts	
Stock Purchase Units	

- (1) An indeterminate number or amount of senior and subordinated debt securities, common stock, preferred stock, warrants, stock purchase contracts and stock purchase units of Marathon Petroleum Corporation is being registered as may from time to time be issued at indeterminate prices and as may be issuable upon conversion, redemption, exchange, exercise or settlement of any securities registered hereunder, including under any applicable anti-dilution provisions. Any securities registered under this registration statement may be sold separately or as units with other securities registered under this registration statement.
- (2) In accordance with Rules 456(b) and 457(r) of the Securities Act of 1933, Marathon Petroleum Corporation is deferring payment of all of the registration fees, which will be paid from time to time in connection with one or more offerings of securities to be made hereunder.

[Table of Contents](#)

Prospectus



Senior Debt Securities  
Subordinated Debt Securities  
Common Stock  
Preferred Stock  
Warrants  
Stock Purchase Contracts  
Stock Purchase Units

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We may offer from time to time:

- senior debt securities;
- subordinated debt securities;
- common stock;
- preferred stock;
- warrants;
- stock purchase contracts; and
- stock purchase units.

We will provide specific terms of any offering in one or more supplements to this prospectus. The securities may be offered separately or together in any combination and as a separate series. You should read this prospectus and any prospectus supplement carefully before you invest in our securities.

Our common stock is listed on the New York Stock Exchange, or the NYSE, under the symbol "MPC." The last reported sale price of our common stock on the NYSE on April 27, 2017 was \$51.02.

If any offering involves underwriters, dealer or agents, arrangements with them will be described in the prospectus supplement that relates to that offering.

**Investing in our securities involves risks that are referenced in the "[Risk Factors](#)" section beginning on page 7 of this prospectus.**

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**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

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The date of this prospectus is April 28, 2017.

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[Table of Contents](#)

Table of Contents

<a href="#"><u>About This Prospectus</u></a>	1
<a href="#"><u>Where You Can Find More Information</u></a>	2
<a href="#"><u>Forward-Looking Statements</u></a>	3
<a href="#"><u>The Company</u></a>	6
<a href="#"><u>Risk Factors</u></a>	7
<a href="#"><u>Use of Proceeds</u></a>	8
<a href="#"><u>Ratios of Earnings to Fixed Charges</u></a>	9
<a href="#"><u>General Description of Securities That We May Sell</u></a>	10
<a href="#"><u>Description of Debt Securities</u></a>	11
<a href="#"><u>Description of Capital Stock</u></a>	19
<a href="#"><u>Description of Warrants</u></a>	24
<a href="#"><u>Description of Stock Purchase Contracts and Stock Purchase Units</u></a>	25
<a href="#"><u>Plan of Distribution</u></a>	26
<a href="#"><u>Legal Matters</u></a>	27
<a href="#"><u>Experts</u></a>	27

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[Table of Contents](#)

**About This Prospectus**

This prospectus is part of a registration statement on Form S-3 that we have filed with the SEC using a “shelf” registration process. Using this process, we may offer, from time to time, in one or more offerings, any combination of the securities this prospectus describes. This prospectus provides you with a general description of the securities we may offer. Each time we use this prospectus to offer securities, we will provide a prospectus supplement that will describe the specific terms of the offering. The prospectus supplement may also add to, update or change the information contained in this prospectus. Please carefully read this prospectus and the prospectus supplement in addition to the information contained in the documents we refer to under the heading “Where You Can Find More Information.”

Except as otherwise indicated, references in this prospectus to “Marathon Petroleum,” “MPC,” “we,” “us” and “our” refer to Marathon Petroleum Corporation and its consolidated subsidiaries.

[Table of Contents](#)

**Where You Can Find More Information**

MPC files annual, quarterly and current reports, proxy statements and other information with the SEC. You can read and copy these materials at the SEC's public reference room at 100 F Street, N.E., Washington, D.C. 20549. You can obtain information about the operation of the SEC's public reference room by calling the SEC at 1-800-SEC-0330. The SEC also maintains an Internet site that contains information MPC has filed electronically with the SEC, which you can access over the Internet at <http://www.sec.gov>.

This prospectus is part of a registration statement we have filed with the SEC relating to the securities we may offer. As permitted by SEC rules, this prospectus does not contain all the information we have included in the registration statement and the accompanying exhibits and schedules we have filed with the SEC. You may refer to the registration statement, exhibits and schedules for more information about us and the securities. The registration statement, exhibits and schedules are available at the SEC's public reference room or through its Internet site.

The SEC allows us to "incorporate by reference" the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the following documents into this prospectus:

- our Annual Report on Form 10-K for the year ended December 31, 2016;
- our Current Reports on Form 8-K or Form 8-K/A filed with the SEC on February 1, 2017 (Item 5.02 only), February 27, 2017 and March 15, 2017; and
- the description of our capital stock contained in the registration statement on Form 10 filed with the SEC on January 25, 2011, as amended.

We also incorporate by reference any future filings we make with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 (excluding information deemed to be furnished and not filed with the SEC) until the termination of this offering.

You may request a copy of these filings, other than an exhibit to these filings unless we have specifically incorporated that exhibit by reference into the filing, at no cost, by writing or telephoning MPC at the following address:

Marathon Petroleum Corporation  
539 South Main Street  
Findlay, Ohio 45840-3229  
Attention: Corporate Secretary  
Telephone: (419) 422-2121

**You should rely only on the information contained or incorporated by reference in this prospectus, the prospectus supplement and any free writing prospectus that we may provide to you. We have not authorized any person, including any salesman or broker, to provide information other than that provided in this prospectus, the prospectus supplement or any free writing prospectus that we may provide to you. We have not authorized anyone to provide you with different information. We are not making an offer of the securities in any jurisdiction where the offer is not permitted. You should assume that the information in this prospectus, the prospectus supplement and any free writing prospectus is accurate only as of the date on its cover page and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference.**

## Forward-Looking Statements

This prospectus, including the information we incorporate by reference, includes forward-looking statements. You can identify our forward-looking statements by words such as “anticipate,” “believe,” “design,” “estimate,” “objective,” “expect,” “forecast,” “outlook,” “goal,” “guidance,” “imply,” “intend,” “plan,” “predict,” “prospective,” “project,” “opportunity,” “potential,” “position,” “pursue,” “strategy,” “seek,” “target,” “could,” “may,” “should,” “would,” “will” or other similar expressions that convey the uncertainty of future events or outcomes. In accordance with “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995, these statements are accompanied by cautionary language identifying important factors, though not necessarily all such factors, that could cause future outcomes to differ materially from those set forth in the forward-looking statements. When considering these forward-looking statements, you should keep in mind the risk factors and other cautionary statements contained in this prospectus, any prospectus supplement and the documents we have incorporated by reference.

Forward-looking statements include, but are not limited to, statements that relate to, or statements that are subject to risks, contingencies or uncertainties that relate to:

- future levels of revenues, refining and marketing gross margins, operating costs, retail gasoline and distillate gross margins, merchandise margins, income from operations, net income or earnings per share;
- anticipated volumes of feedstock, throughput, sales or shipments of refined products;
- anticipated levels of regional, national and worldwide prices of crude oil, natural gas, natural gas liquids, or “NGLs,” and refined products;
- anticipated levels of crude oil and refined product inventories;
- future levels of capital, environmental or maintenance expenditures, general and administrative and other expenses;
- the success or timing of completion of ongoing or anticipated capital or maintenance projects;
- business strategies, growth opportunities and expected investments, including strategic initiatives and actions, as well as planned equity investments in pipeline projects;
- expectations regarding the acquisition or divestiture of assets as well as the strategic initiatives discussed herein, such as the proposed accelerated dropdown of assets to MPLX LP and its subsidiaries, which we refer to as “MPLX,” and plans to exchange our economic interest in MPLX’s general partner, including incentive distribution rights, for newly issued common units of MPLX;
- our share repurchase authorizations, including the timing and amounts of any common stock repurchases;
- the adequacy of our capital resources and liquidity, including but not limited to, availability of sufficient cash flow to execute our business plan;
- the effect of restructuring or reorganization of business components;
- the potential effects of judicial or other proceedings on our business, financial condition, results of operations and cash flows; and
- the anticipated effects of actions of third parties such as competitors, activist investors or federal, foreign, state or local regulatory authorities or plaintiffs in litigation.

We have based our forward-looking statements on our current expectations, estimates and projections about our industry and our company. We caution that these statements are not guarantees of future performance, and you should not rely unduly on them, as they involve risks, uncertainties, and assumptions that we cannot predict. In addition, we have based many of these forward-looking statements on assumptions about future events that may prove to be inaccurate. While our management considers these assumptions to be reasonable, they are inherently subject to significant business, economic, competitive, regulatory and other risks, contingencies and uncertainties, most of which are difficult to predict and many of which are beyond our control. Accordingly, our actual results may differ materially from the future performance that we have expressed or forecast in our forward-looking statements. Differences between actual results and any future performance suggested in our forward-looking statements could result from a variety of factors, including the following:

- volatility or degradation in general economic, market, industry or business conditions;

## Table of Contents

- availability and pricing of domestic and foreign supplies of natural gas, NGLs and crude oil and other feedstocks;
- the ability of the members of the Organization of Petroleum Exporting Countries to agree on and to influence crude oil price and production controls;
- availability and pricing of domestic and foreign supplies of refined products such as gasoline, diesel fuel, jet fuel, home heating oil and petrochemicals;
- foreign imports and exports of crude oil, refined products, natural gas and NGLs;
- refining industry overcapacity or under capacity;
- changes in producer customers' drilling plans or in volumes of throughput of crude oil, natural gas, NGLs, refined products or other hydrocarbonbased products;
- changes in the cost or availability of third-party vessels, pipelines, railcars and other means of transportation for crude oil, natural gas, NGLs, feedstocks and refined products;
- changes to the expected construction costs and timing of projects;
- the price, availability and acceptance of alternative fuels and alternative-fuel vehicles and laws mandating such fuels or vehicles;
- fluctuations in consumer demand for refined products, natural gas and NGLs, including seasonal fluctuations;
- political and economic conditions in nations that consume refined products, natural gas and NGLs, including the United States, and in crude oil producing regions, including the Middle East, Africa, Canada and South America;
- actions taken by our competitors, including pricing adjustments, expansion of retail activities, the expansion and retirement of refining capacity and the expansion and retirement of pipeline capacity, processing, fractionation and treating facilities in response to market conditions;
- completion of pipeline projects within the United States;
- changes in fuel and utility costs for our facilities;
- failure to realize the benefits projected for capital projects, or cost overruns associated with such projects;
- modifications to MPLX's earnings and distribution growth objectives;
- the ability to successfully implement growth opportunities, including strategic initiatives and actions;
- the time, costs and ability to obtain regulatory or other approvals, waivers or consents required to consummate strategic actions discussed herein, such as the proposed accelerated dropdown of assets to MPLX;
- the risk that the synergies from the merger of MarkWest Energy Partners, L.P. with and into a wholly-owned subsidiary of MPLX effective on December 4, 2015, which we refer to as the "MarkWest Merger," may not be fully realized or may take longer to realize than expected;
- risks and uncertainties associated with intangible assets, including any future goodwill or intangible assets impairment charges;
- the ability to realize the strategic benefits of joint venture opportunities;
- accidents or other unscheduled shutdowns affecting our refineries, machinery, pipelines, processing, fractionation and treating facilities or equipment, or those of our suppliers or customers;
- unusual weather conditions and natural disasters, which can unforeseeably affect the price or availability of crude oil and other feedstocks and refined products;
- acts of war, terrorism or civil unrest that could impair our ability to produce refined products, receive feedstocks or to gather, process, fractionate or transport crude oil, natural gas, NGLs or refined products;
- state and federal environmental, economic, health and safety, energy and other policies and regulations, including the cost of compliance with the renewable fuel standard program;
- adverse changes in laws including with respect to tax and regulatory matters;

## Table of Contents

- rulings, judgments or settlements and related expenses in litigation or other legal, tax or regulatory matters, including unexpected environmental remediation costs, in excess of any reserves or insurance coverage;
- political pressure and influence of environmental groups upon policies and decisions related to the production, gathering, refining, processing, fractionation, transportation and marketing of crude oil or other feedstocks, refined products, natural gas, NGLs or other hydrocarbon-based products;
- labor and material shortages;
- the maintenance of satisfactory relationships with labor unions and joint venture partners;
- the ability and willingness of parties with whom we have material relationships to perform their obligations to us;
- the market price of our common stock and its impact on our share repurchase authorizations;
- changes in the credit ratings assigned to our debt securities and trade credit, changes in the availability of unsecured credit and changes affecting the credit markets generally;
- capital market conditions and our ability to raise adequate capital to execute our business plan, including our recently announced strategic actions;
- the costs, disruption and diversion of management's attention associated with campaigns commenced by activist investors; and
- the other factors described in Item 1A. Risk Factors of our most recent Annual Report on Form 10-K filed with the SEC.

We do not undertake any obligation to update the forward-looking statements included in this prospectus, unless we are required by applicable securities laws to do so.

## The Company

Marathon Petroleum Corporation and its subsidiaries have 129 years of experience in the energy business with roots tracing back to the formation of the Ohio Oil Company in 1887. We are one of the largest independent petroleum product refining, marketing, retail and transportation businesses in the United States and the largest east of the Mississippi. Our subsidiaries include MPLX, which is a growth-oriented publicly traded master limited partnership formed by us in 2012 to own, operate, develop and acquire midstream energy infrastructure assets. As a result of the MarkWest Merger effective on December 4, 2015, MPLX is one of the largest natural gas processors in the United States and the largest processor and fractionator in the Marcellus and Utica shale regions.

Our operations consist of three reportable operating segments: Refining & Marketing; Speedway; and Midstream. Each of these segments is organized and managed based upon the nature of the products and services it offers.

- Refining & Marketing – refines crude oil and other feedstocks at our seven refineries in the Gulf Coast and Midwest regions of the United States, purchases refined products and ethanol for resale and distributes refined products through various means, including terminals and trucks that we own or operate. We sell refined products to wholesale marketing customers domestically and internationally, buyers on the spot market, our Speedway® business segment and to independent entrepreneurs who operate Marathon® retail outlets.
- Speedway – sells transportation fuels and convenience products in the retail market in the Midwest, East Coast and Southeast regions of the United States.
- Midstream – includes the operations of MPLX and certain other related operations. The Midstream segment gathers, processes and transports natural gas; gathers, transports, fractionates, stores and markets NGLs, and transports and stores crude oil and refined products.

MPC's principal executive offices are located at 539 South Main Street, Findlay, Ohio 45840-3229, and its telephone number at that location is (419) 422-2121.

**Risk Factors**

You should carefully consider any specific risks set forth under the caption “Risk Factors” in the applicable prospectus supplement and under the caption “Risk Factors” included in our most recent Annual Report on Form 10-K filed with the SEC, as these risk factors are amended or supplemented by subsequent Quarterly Reports on Form 10-Q that are incorporated by reference in this prospectus, before making an investment decision. For more information, see “Where You Can Find More Information.” The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties that are not yet identified may also materially harm our business, operating results and financial condition and could result in a complete loss of your investment.

### **Use of Proceeds**

Unless we inform you otherwise in the prospectus supplement, the net proceeds from the sale of the securities will be used for general corporate purposes, including repayment or refinancing of debt and funding for acquisitions, working capital requirements, capital expenditures and repurchases and redemptions of securities. Pending any specific application, we may initially invest funds in short-term marketable securities or apply them to the reduction of short-term indebtedness.

**Ratios of Earnings to Fixed Charges**

Our ratios of earnings to fixed charges for each of the periods indicated are as follows:

	<b>For the Years Ended December 31,</b>				
	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>
<b>Ratio of earnings to fixed charges</b>	4.0x	11.2x	13.4x	13.2x	22.9x

The term “earnings” is the amount resulting from adding the following items to the extent applicable:

- pre-tax income from continuing operations before adjustment for income or loss from equity investees;
- fixed charges;
- amortization of capitalized interest;
- distributed income of equity investees;
- pre-tax losses of equity investees for which charges arising from guarantees are included in fixed charges; and subtracting from the total the following:
- interest capitalized;
- preference security dividend requirements of consolidated subsidiaries; and
- the non-controlling interest in pre-tax income of subsidiaries that have not incurred fixed charges.

For this purpose, “fixed charges” consist of:

- interest expense and amortization of discounts, premiums and capitalized expenses on indebtedness;
- interest capitalized;
- an estimate of the portion of annual rental expense on operating leases that represents interest attributable to rentals; and
- preference security requirements of consolidated subsidiaries.

Marathon Petroleum Corporation had no preferred stock outstanding during the fiscal years shown above. Accordingly, a ratio of earnings to combined fixed charges and preferred dividends is not presented.

### **General Description of Securities That We May Sell**

We may offer and sell, at any time and from time to time:

- our debt securities, in one or more series, which may be senior debt securities or subordinated debt securities;
- shares of our common stock;
- shares of our preferred stock;
- warrants to purchase any of the other securities that may be sold under this prospectus;
- stock purchase contracts; and
- stock purchase units.

The terms of any securities we offer will be determined at the time of sale. We may issue debt securities that are exchangeable for or convertible into common stock or any of the other securities that may be sold under this prospectus.

The “Description of Debt Securities,” “Description of Capital Stock,” “Description of Warrants” and “Description of Stock Purchase Contracts and Stock Purchase Units” sections that follow provide general descriptions of the securities that may be offered by this prospectus. These general descriptions are not meant to be complete descriptions of the securities. The prospectus supplement will contain the material terms and conditions of the securities offered by such prospectus supplement.

## Description of Debt Securities

The debt securities this prospectus covers will be MPC's general unsecured obligations. The debt securities may be either senior debt securities or subordinated debt securities. MPC will issue senior debt securities under an indenture, which we refer to in this description as the "senior indenture," dated as of February 1, 2011, as supplemented by the First Supplemental Indenture, dated as of September 5, 2014, and the Second Supplemental Indenture, dated as of December 14, 2015, between MPC and The Bank of New York Mellon Trust Company, N.A. as trustee. MPC will issue subordinated debt securities under a subordinated indenture, which we refer to in this description as the "subordinated indenture," to be entered into between MPC and The Bank of New York Mellon Trust Company, N.A., as trustee. In this description, we sometimes call the senior indenture and the subordinated indenture the "indentures."

We have summarized the provisions of the indentures and the debt securities below. You should read the indentures for more details regarding the provisions described below and for other provisions that may be important to you. We have filed the senior indenture and the form of subordinated indenture with the SEC as exhibits to the registration statement, and we will include any other instrument establishing the terms of any debt securities we offer as exhibits to a filing we will make with the SEC in connection with that offering. See "Where You Can Find More Information."

The following description primarily relates to senior debt securities that we may issue under the senior indenture. We have summarized some of the provisions of the subordinated indenture below under the caption "—Subordinated Debt Securities." If we offer subordinated debt securities, we will provide more specific terms in the related prospectus supplement. In this summary description of the debt securities, all references to "MPC," "we," "our" or "us" mean Marathon Petroleum Corporation only, and not any of its subsidiaries, unless we state otherwise or the context clearly indicates otherwise.

### General

The senior debt securities will constitute senior debt of MPC and will rank equally with all its unsecured and unsubordinated debt. The subordinated debt securities will be subordinated to, and thus have a position junior to, any senior debt securities and all other senior debt of MPC. Neither indenture limits the amount of debt we may issue under the indenture or limits the amount of other unsecured debt or securities we may incur or issue. We may issue debt securities under either indenture from time to time in one or more series, each in an amount we authorize prior to issuance.

MPC derives substantially all its operating income from, and holds substantially all its assets through, its subsidiaries. As a result, MPC will depend on distributions of cash flow and earnings of its subsidiaries in order to meet its payment obligations under any debt securities it offers under this prospectus and its other obligations. These subsidiaries are separate and distinct legal entities and will have no obligation to pay any amounts due on MPC's debt securities or to provide MPC with funds for its payment obligations, whether by dividends, distributions, loans or otherwise. In addition, provisions of applicable law, such as those limiting the legal sources of dividends, could limit their ability to make payments or other distributions to MPC and they could agree to contractual restrictions on their ability to make distributions.

MPC's right to receive any assets of any subsidiary, and therefore the right of the holders of MPC's debt securities to participate in those assets, will be effectively subordinated to the claims of that subsidiary's creditors, including trade creditors. In addition, even if MPC is a creditor of any subsidiary, MPC's rights as a creditor would be subordinate to any security interest in the assets of that subsidiary and any indebtedness of that subsidiary senior to that held by MPC.

We may issue the debt securities of any series in definitive form or as a book-entry security in the form of a global security registered in the name of a depositary we designate.

We may issue the debt securities in one or more series with various maturities. They may be sold at par, at a premium or with an original issue discount.

### Terms

The prospectus supplement relating to any series of debt securities being offered will specify whether the debt securities are senior debt securities or subordinated debt securities and will include specific terms relating to the offering. These terms will include some or all of the following:

- the title of the debt securities;

## Table of Contents

- any limit on the aggregate principal amount of the debt securities;
- the person or entity to whom any interest will be payable, if that person or entity is not the registered owner of the debt securities;
- the date or dates on which the principal of and any premium on the debt securities will be payable;
- the rates, which may be fixed or variable, per annum at which the debt securities will bear interest, if any, and the date or dates from which any interest will accrue;
- the dates on which the interest, if any, on the debt securities will be payable, and the regular record dates for the interest payment dates or the method for determining those dates;
- the place or places where payments on the debt securities will be payable;
- the terms and conditions on which the debt securities may, under any optional or mandatory redemption provisions, be redeemed;
- any mandatory or optional sinking fund or similar provisions or provisions for mandatory redemption or purchase at the option of the holder;
- the denominations in which the debt securities will be issuable, if other than denominations of \$1,000 or any multiple of that amount;
- any commodities, currencies or indices, values, rates or prices or any other index or formula used to determine the amount of payment of principal of or any premium or interest on the debt securities;
- if other than dollars, the currency, currency unit or other form of payment of principal of or any premium or interest on the debt securities;
- if, at our election or the election of the holder, the principal of or any premium or interest on any debt securities is to be payable in one or more currencies or currency units other than those in which the debt securities are stated to be payable, the terms and conditions on which that election is to be made and the amount so payable;
- if other than the full principal amount of the debt securities, the portion of the principal amount of the debt securities that will be payable on the declaration of acceleration of the maturity of the debt securities;
- if the principal amount payable at maturity will not be determinable as of one or more dates prior to maturity, the amount that will be deemed to be the principal amount as of any such date;
- any terms on which the debt securities may be convertible into or exchanged for securities or indebtedness of any kind of MPC or of any other issuer or obligor and the terms and conditions on which a conversion or exchange will be effected, including the initial conversion or exchange price or rate, the conversion period and any other additional provisions;
- the applicability of the defeasance provisions described below under “—Satisfaction and Discharge; Defeasance under the Senior Indenture,” and any conditions under which those provisions will apply;
- if the debt securities will be issuable only in the form of a global security as described below under “—Book-entry Debt Securities,” the depository for the debt securities;
- any changes in or additions to the events of default or covenants this prospectus describes;
- the payment of any additional amounts with respect to the debt securities;
- any amendments to the restrictions with respect to the transfer of exchange of the debt securities; and
- any other material terms of the debt securities.

If we sell any of the debt securities for any foreign currency or currency unit or if payments on the debt securities are payable in any foreign currency or currency unit, we will describe in the prospectus supplement the restrictions, elections, tax consequences, specific terms and other information relating to those debt securities and the foreign currency or currency unit.

### **Restrictive Covenants Under the Senior Indenture**

The restrictive covenants summarized below will apply to a series of senior debt securities (unless waived or amended) as long as any of those senior debt securities are outstanding, unless the prospectus supplement for the series states otherwise.

## Table of Contents

### *Creation of Certain Liens*

If MPC or any subsidiary of MPC mortgages or encumbers as security for money borrowed any crude oil refinery which (1) is located in the United States and (2) is determined to be a principal property by MPC's board of directors in its discretion, MPC will, or will cause such subsidiary to, secure each series of senior debt securities issued under the senior indenture equally and ratably with all indebtedness or obligations secured by the mortgage then being given. This covenant will not apply in the case of any mortgage:

- existing on the date of the senior indenture;
- incurred in connection with the acquisition or construction of any property;
- previously existing on acquired property or existing on the property of any entity when it becomes a subsidiary of ours;
- in favor of the United States, any state, or any agency, department, political subdivision or other instrumentality of either, to secure payments to us under the provisions of any contract or statute;
- in favor of the United States, any state, or any agency, department, political subdivision or other instrumentality of either, to secure borrowings for the purchase or construction of the property mortgaged;
- to secure the cost of the repair, construction, improvement, or alteration of all or part of a principal property;
- on various facilities, equipment and other personal property located at or on a principal property;
- arising in connection with the sale of accounts receivable resulting from the sale of refined products or inventory; or
- that is a renewal of or substitution for any mortgage permitted under any of the provisions described in the preceding clauses.

As of the date of this prospectus, neither MPC nor any subsidiary of MPC has any property that MPC's board of directors has determined to be a principal property.

Notwithstanding the foregoing, MPC may, and may permit its subsidiaries to, grant mortgages or incur liens on property covered by the restriction described above as long as the net book value of the property so encumbered, together with all property subject to the restriction on sale and leaseback transactions described below, does not, at the time such Mortgage or lien is granted, exceed 15% of our "Consolidated Net Tangible Assets," which the senior indenture defines to mean the aggregate value of all assets of MPC and its subsidiaries after deducting:

- all current liabilities, excluding all long-term debt due within one year;
- all investments in unconsolidated subsidiaries and all investments accounted for on the equity basis; and
- all goodwill, patents and trademarks, unamortized debt discount and other similar intangibles;

all determined in conformity with generally accepted accounting principles and calculated on a basis consistent with our most recent audited consolidated financial statements.

### *Limitations on Certain Sale and Leaseback Transactions*

MPC and its subsidiaries are generally prohibited from selling and leasing back the principal properties described above under "—Creation of Certain Liens." However, this covenant will not apply if:

- the lease is an intercompany lease between MPC and one of its subsidiaries or between any of its subsidiaries;
- the lease is for a temporary period by the end of which it is intended that the use of the leased property will be discontinued;
- MPC or a subsidiary of MPC could mortgage the property without equally and ratably securing the senior debt securities issued under the senior indenture under the covenant described above under the caption "—Creation of Certain Liens"; or
- MPC promptly informs the trustee of the sale, the net proceeds of the sale are at least equal to the fair value of the property and within 180 days of the sale the net proceeds are applied to the retirement or in-substance defeasance of our funded debt (subject to reduction, under circumstances the senior indenture specifies).

## Table of Contents

As of the date of this prospectus, neither MPC nor any subsidiary of MPC has any property that MPC's board of directors has determined to be a principal property.

### ***Merger, Consolidation and Sale of Assets***

The senior indenture provides that MPC may not merge or consolidate with any other entity or sell or convey all or substantially all its assets except as follows:

- MPC is the continuing corporation or the successor entity (if other than MPC) is a corporation or other entity organized under the laws of the United States or any state thereof that expressly assumes the obligations of MPC under the senior indenture and the outstanding senior debt securities; and
- immediately after the merger, consolidation, sale or conveyance, no event of default under the senior indenture shall have occurred and be continuing.

On the assumption by the successor of the obligations under the senior indenture, the successor will be substituted for MPC, and MPC will be relieved of any further obligation under the senior indenture and the senior debt securities.

The senior indenture defines "substantially all of its assets" as a portion of the non-current assets reflected in MPC's consolidated balance sheet as of the end of the most recent quarterly period that represents at least 66<sup>2</sup>/<sub>3</sub>% of the total reported value of such assets.

### **Events of Default Under the Senior Indenture**

The senior indenture defines an event of default with respect to the senior debt securities of any series as being any one of the following events:

- MPC's failure to pay interest on any senior debt security of that series when due, continuing for 30 days;
- MPC's failure to pay the principal of or premium on any senior debt security of that series when due and payable;
- MPC's failure to deposit any sinking fund payment when due by the terms of the senior debt securities of that series;
- MPC's failure to perform under any other covenant or warranty applicable to the senior debt securities of that series and not specifically dealt with in the definition of "event of default" for a period of 90 days after written notice to MPC of that failure;
- specified events of bankruptcy, insolvency or reorganization of MPC; or
- any other event of default provided with respect to the senior debt securities of that series.

The trustee is required to give holders of the senior debt securities of any series written notice of a default with respect to that series as provided by the Trust Indenture Act of 1939, as amended, which we refer to as the "Trust Indenture Act". In the case of any default of the character described above in the fourth bullet point of the immediately preceding paragraph, no such notice to holders must be given until at least 60 days after the occurrence of that default.

MPC is required annually to deliver to the trustee a certificate stating whether or not the signers have any knowledge of any default by MPC in its performance and observance of any terms, provisions and conditions of the senior indenture.

If an event of default (other than an event of default involving an event of bankruptcy, insolvency or reorganization of MPC) occurs and is continuing with respect to any series of senior debt securities, the trustee or the holders of not less than 25% in principal amount of the senior debt securities of that series then outstanding may declare the principal amount of those debt securities (or, in the case of any senior debt securities MPC issues at an original issue discount, the portion of such principal amount that we will specify in the applicable prospectus supplement) to be due and payable. If an event of default relating to any event of bankruptcy, insolvency or reorganization of MPC occurs, the principal of all the senior debt securities then outstanding (or, in the case of any senior debt securities MPC issues at an original issue discount, the portion of such principal amount that we will specify in the applicable prospectus supplement) will become immediately due and payable without any action on the part of the trustee or any holder. The holders of a majority in principal amount of the outstanding senior debt securities of any series affected by the default may in some cases rescind this accelerated payment requirement. Depending on the terms of our other indebtedness, an event of default may give rise to cross defaults on our other indebtedness.

## Table of Contents

Any past default with respect to a series of senior debt securities may be waived on behalf of all holders of those senior debt securities by at least a majority in principal amount of the holders of the outstanding senior debt securities of that series, except a default:

- in the payment of principal of or any premium or interest on any senior debt security of that series; or
- respecting a covenant or provision that cannot be modified without the consent of the holder of each outstanding senior debt security of that series.

Any default that is so waived will cease to exist and any event of default arising from that default will be deemed to be cured for every purpose under the senior indenture, but no such waiver will extend to any subsequent or other default or impair any right arising from a subsequent or other default. In addition, once a default or event of default is cured, it ceases to exist.

A holder of a senior debt security of any series will be able to pursue any remedy under the senior indenture only if:

- the holder has given prior written notice to the trustee of a continuing event of default with respect to the senior debt securities of that series;
- the holders of at least 25% in principal amount of the outstanding senior debt securities of that series have made a written request to the trustee to institute proceedings with respect to the event of default;
- the holders making the request have offered the trustee reasonable indemnity against costs, expenses and liabilities to be incurred in compliance with the request;
- the trustee for 60 days after its receipt of the notice, request and offer of indemnity has failed to institute any such proceeding; and
- during that 60-day period, the holders of a majority in principal amount of the senior debt securities of that series do not give the trustee a direction inconsistent with the request.

Holders of senior debt securities, however, are entitled at any time to bring a lawsuit for the payment of principal and interest due on their debt securities on or after its due date. It is intended that rights provided for holders under the senior indenture are for the equal and ratable benefit of all such holders.

### **Modification of the Senior Indenture**

MPC and the trustee may modify the senior indenture without the consent of the holders of the senior debt securities for one or more of the following purposes:

- to evidence the succession of another person to MPC;
- to add to covenants for the benefit of the holders of senior debt securities or to surrender any right or power conferred on MPC by the senior indenture;
- to add additional events of default for the benefit of holders of all or any series of senior debt securities;
- to add or change provisions of the senior indenture to allow the issuance of senior debt securities in other forms;
- to add to, change or eliminate any of the provisions of the senior indenture respecting one or more series of senior debt securities under conditions the senior indenture specifies;
- to secure the senior debt securities under the requirements of the senior indenture or to otherwise provide any security for, or add any guarantees of or additional obligors on, the senior debt securities of any series;
- to establish the form or terms of senior debt securities of any series as permitted by the senior indenture;
- to supplement the indenture as necessary to permit or facilitate the defeasance and discharge of a particular series of senior debt securities under conditions the senior indenture specifies;
- to evidence the appointment of a successor trustee; or
- to cure any ambiguity or to correct or supplement any provision of the senior indenture that may be defective or inconsistent with any other provision in the senior indenture, or to make any other provisions with respect to matters or questions arising under the senior indenture as shall not adversely affect the interests of the holders of senior debt securities of any series in any material respect.

## Table of Contents

MPC and the trustee may otherwise modify the senior indenture or any supplemental senior indenture with the consent of the holders of not less than a majority in aggregate principal amount of each series of senior debt securities affected. However, without the consent of the holder of each outstanding senior debt security affected, no modification may:

- change the fixed maturity or reduce the principal amount, reduce the rate or extend the time of payment of any premium or interest thereon, or change the currency in which the senior debt securities are payable, or adversely affect any right of the holder of any senior debt security to require MPC to repurchase that senior debt security;
- reduce the percentage in principal amount of senior debt securities required for consent to any supplemental indenture or any waiver of compliance with certain provisions of the senior indenture or defaults thereunder and their consequences; or
- make certain modifications to the provisions for modification of the senior indenture and for certain waivers, except to increase the principal amount of any senior debt securities or to provide that certain other provisions of the senior indenture cannot be modified or waived without the consent of the holder of each outstanding senior debt security affected thereby.

### **Satisfaction and Discharge; Defeasance Under the Senior Indenture**

Under certain circumstances, we will be deemed to have discharged the entire indebtedness on all of an outstanding series of senior debt securities. The senior indenture will be satisfied and discharged with respect to a particular series of senior debt securities if:

- MPC delivers to the trustee all senior debt securities of that series then outstanding for cancellation; or
- all senior debt securities of that series have become due and payable or are to become due and payable within one year or are to be called for redemption within one year and MPC deposits an amount of cash or government obligations sufficient to pay the principal of and premium, if any, and interest on those senior debt securities to the date of maturity or redemption.

In addition to the right of discharge described above, we may deposit with the trustee funds or government securities sufficient to make payments on the senior debt securities of a series on the dates those payments are due and payable, then, at our option, either of the following will occur:

- we will be discharged from our obligations with respect to the senior debt securities of that series (“legal defeasance”); or
- we will no longer have any obligation to comply with the restrictive covenants under the senior indenture, and the related events of default will no longer apply to us, but some of our other obligations under the senior indenture and the senior debt securities of that series, including our obligation to make payments on those senior debt securities, will survive (“covenant defeasance”).

If we defease a series of senior debt securities, the holders of the senior debt securities of the series affected will not be entitled to the benefits of the senior indenture, except for our obligations to:

- register the transfer or exchange of senior debt securities;
- replace mutilated, destroyed, lost or stolen senior debt securities; and
- maintain paying agencies and hold moneys for payment in trust.

As a condition to either legal defeasance or covenant defeasance, we must deliver to the trustee an opinion of counsel that the holders of the senior debt securities of that series will not recognize gain or loss for federal income tax purposes as a result of the action. In the case of legal defeasance, that opinion of counsel must be based upon a ruling from the U.S. Internal Revenue Service or a change in law to that effect.

### **Subordinated Debt Securities**

Although the senior indenture and the subordinated indenture are generally similar and many of the provisions discussed above pertain to both senior and subordinated debt securities, there are many substantive differences between the two indentures. This section discusses some of those differences.

## Table of Contents

### ***Subordination***

Subordinated debt securities will be subordinate, in right of payment, to all “senior debt,” which the subordinated indenture defines to mean, with respect to MPC, the principal of and premium, if any, and interest on:

- all indebtedness of MPC, whether outstanding on the date of the subordinated indenture or subsequently created, incurred or assumed, including, without limitation, all indebtedness which is (a) for money borrowed or (b) evidenced by a note or similar instrument given in connection with the acquisition of any business, properties or assets, including securities;
- any indebtedness of others of the kinds described in the preceding clause for the payment of which MPC is responsible or liable (directly or indirectly, contingently or otherwise) as guarantor or otherwise; and
- amendments, renewals, extensions and refundings of any indebtedness described in the two preceding clauses,

unless in any instrument or instruments evidencing or securing that indebtedness or pursuant to which the same is outstanding, or in any such amendment, renewal, extension or refunding, it is expressly provided that such indebtedness is not *pari passu* or superior in right of payment to the subordinated debt securities of any series.

### ***Restrictive Covenants Under the Subordinated Indenture***

The covenants described above under “—Restrictive Covenants Under the Senior Indenture” will not apply to the subordinated debt securities under the subordinated indenture.

### ***Defeasance of Subordinated Debt Securities***

The subordination of the subordinated debt securities is expressly made subject to the provisions for legal defeasance and covenant defeasance (for similar provisions, see “—Satisfaction and Discharge; Defeasance Under the Senior Indenture”). On the effectiveness of any legal defeasance or covenant defeasance with respect to outstanding subordinated debt securities, those debt securities will cease to be subordinated.

### **Governing Law**

New York law will govern the indentures and the debt securities.

### **The Trustee**

The Bank of New York Mellon Trust Company, N.A. is the trustee under the senior indenture and will be the trustee under the subordinated indenture. The Bank of New York Mellon Trust Company, N.A. and its affiliates may perform certain commercial banking services for us from time to time for which they will receive customary fees.

If an event of default occurs under an indenture and is continuing, the trustee under the indenture must exercise such of the rights and powers vested in it by such indenture and use the same degree of care and skill in their exercise, as a prudent person would in the conduct of his or her own affairs. The trustee will become obligated to exercise any of its powers under that indenture at the request of any of the holders of any debt securities issued under that indenture only after those holders have offered the trustee indemnity reasonably satisfactory to it.

Each indenture limits the right of the trustee, if it is one of MPC’s creditors, to obtain payment of claims or to realize on certain property received for any such claim, as security or otherwise. The trustee may engage in other transactions with MPC. If it acquires any conflicting interest within the meaning of the Indenture Act, however, it must eliminate that conflict or resign within 90 days after ascertaining that it has a conflicting interest and after the occurrence of a default under the applicable indenture, unless the default has been cured, waived or otherwise eliminated within the 90-day period.

### **Exchange, Registration and Transfer**

Debt securities of any series will be exchangeable for other debt securities of the same series with the same total principal amount and the same terms but in different authorized denominations in accordance with the applicable indenture. Holders may present registered debt securities for registration of transfer at the office of the security registrar or any transfer agent we designate. The security registrar or transfer agent will effect the transfer or exchange when it is satisfied with the documents of title and identity of the person making the request.

Unless we inform you otherwise in the prospectus supplement, we will appoint the trustee under each indenture as security registrar for the debt securities we issue in registered form under that indenture. If the prospectus supplement refers to any transfer

## Table of Contents

agent initially designated by us, we may at any time rescind that designation or approve a change in the location through which any transfer agent acts. We will be required to maintain an office or agency for transfers and exchanges in each place of payment. No service charge will be made for any registration of transfer or exchange of those securities. We or the trustee may, however, require the payment of any tax or other governmental charge payable for that registration.

In the case of any redemption, neither the security registrar nor the transfer agent will be required to register the transfer of or exchange of any debt security:

- during a period beginning 15 business days before the day of mailing of the relevant notice of redemption and ending on the close of business on that day of mailing; or
- if we have called the debt security for redemption in whole or in part, except the unredeemed portion of any debt security being redeemed in part.

### **Payment and Paying Agents**

Unless we inform you otherwise in the prospectus supplement, we will make payments on the debt securities in U.S. dollars at the office of the trustee or any paying agent we designate. At our option, we may make payments by check mailed to the holder's registered address or, with respect to global debt securities, by wire transfer. Unless we inform you otherwise in the prospectus supplement, we will make interest payments to the person in whose name the debt security is registered at the close of business on the record date for the interest payment.

Unless we inform you otherwise in the prospectus supplement, we will designate the trustee under each indenture as our paying agent for payments on debt securities we issue under that indenture. We may at any time designate additional paying agents or rescind the designation of any paying agent or approve a change in the office through which any paying agent acts.

Subject to the requirements of any applicable abandoned property laws, the trustee and paying agent will repay to us on our written request any funds they hold for payments on the debt securities that remain unclaimed for two years after the date upon which that payment has become due. After repayment to us, holders entitled to those funds must look only to us for payment.

### **Book-entry Debt Securities**

We may issue the debt securities of a series in the form of one or more global debt securities that would be deposited with a depository or its nominee identified in the prospectus supplement. We may issue global debt securities in either temporary or permanent form. We will describe in the prospectus supplement the terms of any depository arrangement and the rights and limitations of owners of beneficial interests in any global debt security.

## Description of Capital Stock

Our authorized capital stock consists of 1,000,000,000 shares of common stock and 30,000,000 shares of preferred stock, issuable in series. Each authorized share of common stock and preferred stock has a par value of \$0.01.

In the text that follows, we have summarized the material provisions of our restated certificate of incorporation and amended and restated bylaws relating to our capital stock. This discussion is subject to the relevant provisions of Delaware law and is qualified in its entirety by reference to our restated certificate of incorporation and amended and restated bylaws. You should read the provisions of the restated certificate of incorporation and amended and restated bylaws as currently in effect for more details regarding the provisions described below and for other provisions that may be important to you. We have filed copies of those documents with the SEC, and they are incorporated by reference as exhibits to the registration statement of which this prospectus forms a part. See “Where You Can Find More Information.”

### Common Stock

Each share of our common stock entitles its holder to one vote in the election of each director and on all other matters voted on generally by our stockholders. No share of our common stock affords any cumulative voting rights. This means that the holders of a majority of the voting power of the shares voting for the election of directors can elect all directors to be elected if they choose to do so. Our board of directors may grant holders of preferred stock, in the resolutions creating the series of preferred stock, the right to vote on the election of directors or any questions affecting our company.

Holders of our common stock will be entitled to dividends in such amounts and at such times as our board of directors in its discretion may declare out of funds legally available for the payment of dividends. Dividends on our common stock will be paid at the discretion of our board of directors after taking into account various factors, including:

- our financial condition and performance;
- our cash needs and capital investment plans;
- our obligations to holders of any preferred stock we may issue;
- income tax consequences; and
- the restrictions Delaware and other applicable laws then impose.

In addition, the terms of the loan agreements, indentures and other agreements we may enter into from time to time may contain covenants or other provisions that could limit our ability to pay, or otherwise restrict the payment of, cash dividends.

If we liquidate or dissolve our business, the holders of our common stock will share ratably in all assets available for distribution to stockholders after our creditors are paid in full and the holders of all series of our outstanding preferred stock, if any, receive their liquidation preferences in full.

The common stock has no preemptive rights and is not convertible or redeemable or entitled to the benefits of any sinking or repurchase fund. All outstanding shares of our common stock are fully paid and nonassessable. Any shares of our common stock we may offer and sell under this prospectus will also be fully paid and nonassessable.

Our common stock is listed on the New York Stock Exchange under the symbol “MPC.”

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

### Preferred Stock

At the direction of our board of directors, without any action by the holders of our common stock, we may issue one or more series of preferred stock from time to time. Our board of directors can determine the number of shares of each series of preferred stock and the designation, powers, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions applicable to any of those rights, including dividend rights, voting rights, conversion or exchange rights, terms of redemption and liquidation preferences, of each series.

## Table of Contents

Any preferred stock we offer and sell under this prospectus will be fully paid and nonassessable. The prospectus supplement relating to any series of preferred stock we offer will include specific terms relating to the offering. These terms may include some or all of the following:

- the series designation of the preferred stock;
- the maximum number of shares of the series;
- the dividend rate or the method of calculating the dividend, the date from which dividends will accrue and whether dividends will be cumulative;
- any liquidation preference;
- any optional redemption provisions;
- any sinking fund or other provisions that would obligate us to redeem or repurchase the preferred stock;
- any terms for the conversion or exchange of the preferred stock for any other securities;
- any voting rights; and
- any other preferences and relative, participating, optional or other special rights or any qualifications, limitations or restrictions on the rights of the shares.

The registration statement for which this prospectus forms a part will incorporate by reference the applicable certificate of designations for any preferred stock we offer and sell under this prospectus. You should read the applicable certificate of designations for provisions that may be important to you.

The existence of undesignated preferred stock may enable our board of directors to render more difficult or to discourage an attempt to obtain control of us by means of a tender offer, proxy contest, merger or otherwise, and thereby to protect the continuity of its management. The issuance of shares of preferred stock may adversely affect the rights of the holders of common stock. For example, any preferred stock issued may rank prior to the common stock as to dividend rights, liquidation preference or both, may have full or limited voting rights and may be convertible into shares of common stock. As a result, the issuance of shares of preferred stock may discourage bids for common stock or may otherwise adversely affect the market price of the common stock or any existing preferred stock.

### **Restrictions on Stock Ownership by Non-U.S. Citizens**

We are subject to a variety of U.S. federal statutes and regulations, including the Shipping Act of 1916, as amended, and the Merchant Marine Act of 1920, as amended, that govern the ownership and operation of vessels used to carry cargo between U.S. ports, which we refer to collectively as the “Maritime Laws.”

To ensure that ownership by non-U.S. citizens of our stock will not exceed the 25% maximum permitted by the Maritime Laws, our restated certificate of incorporation limits the aggregate percentage ownership by non-U.S. citizens of our stock to 23% of the outstanding shares. We may prohibit transfers that would cause ownership of our stock by non-U.S. citizens to exceed 23%. Our restated certificate of incorporation authorizes us to effect any and all measures necessary or desirable to monitor and limit foreign ownership of our stock.

If, despite such measures, the number of shares of our stock that are owned by non-U.S. citizens exceeds 23%, we may suspend the voting, dividend and other distribution rights of the shares owned by non-U.S. citizens in excess of 23%. The determination of which shares will be deemed in excess of the 23% limitation will be made by reference to the dates the shares were acquired by non-U.S. citizens. Our determination of which shares are deemed to be in excess will be conclusive. We will have the power but are under no obligation to redeem any such excess shares at a redemption price per share equal to the fair market value of the shares on the date it calls for redemption plus any dividend or other distribution declared with respect to such shares prior to the date we call for redemption and remaining unpaid.

### **Restrictions on Citizenship of Directors, Chairman and Chief Executive Officer**

Our restated certificate of incorporation also limits the number of our directors that are non-U.S. citizens to no more than the minority necessary to constitute a quorum of directors for a meeting and requires the chairman of our board of directors and our chief executive officer to be U.S. Citizens.

## [Table of Contents](#)

### **Limitation on Directors' Liability**

Delaware law authorizes Delaware corporations to limit or eliminate the personal liability of their directors to them and their stockholders for monetary damages for breach of a director's fiduciary duty of care. The duty of care requires that, when acting on behalf of the corporation, directors must exercise an informed business judgment based on all material information reasonably available to them. Absent the limitations Delaware law authorizes, directors of Delaware corporations are accountable to those corporations and their stockholders for monetary damages for conduct constituting gross negligence in the exercise of their duty of care. Delaware law enables Delaware corporations to limit available relief to equitable remedies such as injunction or rescission. Our restated certificate of incorporation limits the liability of the members of its board of directors by providing that no director will be personally liable to us or our stockholders for monetary damages for any breach of the director's fiduciary duty as a director, except for liability:

- for any breach of the director's duty of loyalty to us or our stockholders;
- for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;
- for unlawful payments of dividends or unlawful stock repurchases or redemptions as provided in Section 174 of the General Corporation Law of the State of Delaware, which we refer to as the "DGCL;" and
- for any transaction from which the director derived an improper personal benefit.

This provision could have the effect of reducing the likelihood of derivative litigation against our directors and may discourage or deter our stockholders or management from bringing a lawsuit against our directors for breach of their duty of care, even though such an action, if successful, might otherwise have benefited us and our stockholders. Our bylaws provide indemnification to our officers and directors and other specified persons with respect to their conduct in various capacities.

### **Statutory Business Combination Provision**

As a Delaware corporation, we are subject to Section 203 of the DGCL. In general, Section 203 prevents an "interested stockholder," which is defined generally as a person owning 15% or more of a Delaware corporation's outstanding voting stock or any affiliate or associate of that person, from engaging in a broad range of "business combinations" with the corporation for three years following the date that person became an interested stockholder unless:

- before that person became an interested stockholder, the board of directors of the corporation approved the transaction in which that person became an interested stockholder or approved the business combination;
- on completion of the transaction that resulted in that person's becoming an interested stockholder, that person owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, other than stock held by (1) directors who are also officers of the corporation or (2) any employee stock plan that does not provide employees with the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- following the transaction in which that person became an interested stockholder, both the board of directors of the corporation and the holders of at least two-thirds of the outstanding voting stock of the corporation not owned by that person approve the business combination.

Under Section 203, the restrictions described above also do not apply to specific business combinations proposed by an interested stockholder following the announcement or notification of designated extraordinary transactions involving the corporation and a person who had not been an interested stockholder during the previous three years or who became an interested stockholder with the approval of a majority of the corporation's directors, if a majority of the directors who were directors prior to any person's becoming an interested stockholder during the previous three years, or were recommended for election or elected to succeed those directors by a majority of those directors, approve or do not oppose that extraordinary transaction.

### **Anti-Takeover Effects of Provisions of our Restated Certificate of Incorporation and Amended and Restated Bylaws**

Some of the provisions of our restated certificate of incorporation and amended and restated bylaws discussed below may have the effect, either alone or in combination with the provisions of our restated certificate of incorporation discussed above and Section 203 of the DGCL, of making more difficult or discouraging a tender offer, proxy contest, merger or other takeover attempt that our board of directors opposes but that a stockholder might consider to be in its best interest.

## Table of Contents

Our restated certificate of incorporation provides that our stockholders may act only at an annual or special meeting of stockholders and may not act by written consent. Our amended and restated bylaws provide that only a majority of our board of directors, the chairman of our board of directors or the chief executive officer may call a special meeting of our stockholders.

Our restated certificate of incorporation provides for a classified board of directors. Except for directors that our preferred stockholders may elect, our board of directors is divided into three classes, with the directors of each class as nearly equal in number as possible. At each annual meeting of our stockholders, the term of a different class of our directors will expire. As a result, we contemplate that our stockholders will elect approximately one-third of our board of directors each year. Our board of directors believes that a classified board structure facilitates continuity and stability of leadership and policy by helping ensure that, at any given time, a majority of our directors will have prior experience as directors of our company and will be familiar with its business and operations. This will, in the view of our board of directors, permit more effective long-term planning and help create long-term value for our stockholders. Board classification could, however, prevent a party who acquires control of a majority of our outstanding voting stock from obtaining control of our board of directors until the second annual stockholders' meeting following the date that party obtains that control. This system of electing and removing directors may discourage a third party from making a tender offer or otherwise attempting to obtain control of us, because it generally makes it more difficult for stockholders to replace a majority of the directors.

Our restated certificate of incorporation provides that the number of directors will be fixed exclusively by, and may be increased or decreased exclusively by, our board of directors from time to time, but will not be less than three nor more than twelve. Our restated certificate of incorporation provides that directors may be removed only by the Delaware Chancery Court under Section 225(c) of the DGCL or for cause (as such term is defined in our restated certificate of incorporation) as determined by a vote of at least 80% of the voting power of our outstanding voting stock. A vacancy on our board of directors may be filled by a vote of a majority of the directors in office, and a director appointed to fill a vacancy serves for the remainder of the term of the class of directors in which the vacancy occurred. These provisions will prevent our stockholders from removing incumbent directors without cause and filling the resulting vacancies with their own nominees.

Our amended and restated bylaws contain advance-notice and other procedural requirements that apply to stockholder nominations of persons for election to our board of directors at any annual meeting of stockholders and to stockholder proposals that stockholders take any other action at any annual meeting. In the case of any annual meeting, a stockholder proposing to nominate a person for election to our board of directors or proposing that any other action be taken must give our corporate secretary written notice of the proposal not less than 90 days and not more than 120 days before the first anniversary of the date on which we first mailed proxy materials for the immediately preceding year's annual meeting of stockholders. These stockholder proposal deadlines are subject to certain exceptions, including an exception if the pending annual meeting date is more than 30 days prior to or more than 30 days after the first anniversary of the immediately preceding year's annual meeting. If our chief executive officer, the chairman of our board of directors or a majority of our board of directors calls a special meeting of stockholders for the election of directors, a stockholder proposing to nominate a person for that election must give our corporate secretary written notice of the proposal not earlier than 120 days prior to that special meeting and not later than 90 days prior to that special meeting. These stockholder proposal deadlines are subject to exceptions if less than 100 days' prior notice or public disclosure of the scheduled meeting date is given or made. These advance-notice provisions may have the effect of precluding a contest for the election of our directors or the consideration of stockholder proposals if the proper procedures are not followed, and of discouraging or deterring a third party from conducting a solicitation of proxies to elect its own slate of directors or to approve its own proposal, without regard to whether consideration of those nominees or proposals might be harmful or beneficial to us and our stockholders.

Our restated certificate of incorporation and amended and restated bylaws provide that our stockholders may adopt, amend and repeal our amended and restated bylaws at any regular or special meeting of stockholders by a vote of at least 80% of the voting power of our outstanding voting stock or by a vote of at least 50% of the voting power of our outstanding voting stock for certain amendments approved by our board, provided the notice of intention to adopt, amend or repeal the amended and restated bylaws has been included in the notice of that meeting. Our restated certificate of incorporation and amended and restated bylaws also confer on our board of directors the power to adopt, amend or repeal our amended and restated bylaws with the affirmative vote of a majority of the directors then in office.

Our restated certificate of incorporation provides that a vote of at least 80% of the voting power of our outstanding voting stock at any regular or special meeting of the stockholders is required to adopt, amend or repeal certain provisions of our restated certificate of incorporation.

As discussed above under "—Preferred Stock," our restated certificate of incorporation authorizes our board of directors, without the approval of our stockholders, to provide for the issuance of all or any shares of our preferred stock in one or more series and to determine the designation, powers, preferences and relative, participating, optional or other special rights, and the

## Table of Contents

qualifications, limitations or restrictions applicable to any of those rights, including dividend rights, voting rights, conversion or exchange rights, terms of redemption and liquidation preferences, of each series. The issuance of shares of our preferred stock, or the issuance of rights to purchase shares of preferred stock, could be used to discourage an unsolicited acquisition proposal. In addition, under some circumstances, the issuance of preferred stock could adversely affect the voting power of our common stockholders.

In addition to the purposes described above, these provisions of our restated certificate of incorporation and amended and restated bylaws are also intended to increase the bargaining leverage of our board of directors, on behalf of our stockholders, in any future negotiations concerning a potential change of control of our company. Our board of directors has observed that certain tactics that bidders employ in making unsolicited bids for control of a corporation, including hostile tender offers and proxy contests, have become relatively common in modern takeover practice. Our board of directors considers those tactics to be highly disruptive to a corporation and often contrary to the overall best interests of its stockholders. In particular, bidders may use these tactics in conjunction with an attempt to acquire a corporation at an unfairly low price. In some cases, a bidder will make an offer for less than all the outstanding capital stock of the target company, potentially leaving stockholders with the alternatives of partially liquidating their investment at a time that may be disadvantageous to them or retaining an investment in the target company under substantially different management with objectives that may not be the same as the new controlling stockholder. The concentration of control in our company that could result from such an offer could deprive our remaining stockholders of the benefits of listing on the New York Stock Exchange and public reporting under the Securities Exchange Act of 1934.

While our board of directors does not intend to foreclose or discourage reasonable merger or acquisition proposals, it believes that value for our stockholders can be enhanced by encouraging would-be acquirers to forego hostile or coercive tender offers and negotiate with the board of directors terms that are fair to all stockholders. Our board of directors believes that the provisions described above will (1) discourage disruptive tactics and takeover attempts at unfair prices or on terms that do not provide all stockholders with the opportunity to sell their stock at a fair price and (2) encourage third parties who may seek to acquire control of our company to initiate such an acquisition through negotiations directly with our board of directors. Our board of directors also believes these provisions will help give it the time necessary to evaluate unsolicited offers, as well as appropriate alternatives, in a manner that assures fair treatment of our stockholders. Our board of directors recognizes that a takeover might in some circumstances be beneficial to some or all of our stockholders, but, nevertheless, believes that the benefits of seeking to protect its ability to negotiate with the proponent of an unfriendly or unsolicited proposal to take over or restructure our company outweigh the disadvantages of discouraging those proposals.

## Description of Warrants

MPC may issue warrants to purchase debt securities, common stock, preferred stock or other securities. MPC may issue warrants independently or together with other securities. Warrants issued with other securities may be attached to or separate from those other securities. If MPC issues warrants, it will do so under one or more warrant agreements between MPC and a warrant agent that we will name in the prospectus supplement.

If MPC offers any warrants, we will file the forms of warrant certificate and warrant agreement with the SEC, and you should read those documents for provisions that may be important to you.

### General

The prospectus supplement relating to any warrants being offered will include specific terms relating to the offering. These terms will include some or all of the following:

- the title of the warrants;
- the aggregate number of warrants offered;
- the designation, number and terms of the debt securities, common stock, preferred stock or other securities purchasable on exercise of the warrants, and procedures that may result in the adjustment of those numbers;
- the exercise price of the warrants;
- the dates or periods during which the warrants are exercisable;
- the designation and terms of any securities with which the warrants are issued;
- if the warrants are issued with another security, the date on and after which the warrants and the other security will be separately transferable;
- if the exercise price is not payable in U.S. dollars, the foreign currency, currency unit or composite currency in which the exercise price is denominated;
- any minimum or maximum amount of warrants that may be exercised at any one time;
- any terms, procedures and limitations relating to the transferability, exchange or exercise of the warrants; and
- any other terms of the warrants.

Warrant certificates will be exchangeable for new warrant certificates of different denominations at the office indicated in the prospectus supplement. Prior to the exercise of their warrants, holders of warrants will not have any of the rights of holders of the securities subject to the warrants.

### Modifications

MPC may amend the warrant agreements and the warrants without the consent of the holders of the warrants to cure any ambiguity, to cure, correct or supplement any defective or inconsistent provision, or in any other manner that will not materially and adversely affect the interests of holders of outstanding warrants.

MPC may also modify or amend various other terms of the warrant agreements and the warrants with the consent of the holders of not less than a majority in number of the then outstanding unexercised warrants affected. Without the consent of the holders affected, however, no modification or amendment may shorten the period of time during which the warrants may be exercised or otherwise materially and adversely affect the exercise rights of the holders of the warrants.

### Enforceability of Rights

The warrant agent will act solely as MPC's agent and will not assume any agency or trust obligation or relationship for or with any holder or beneficial owner of warrants. The warrant agent will not have any duty or responsibility if MPC defaults under the warrant agreements or the warrant certificates. A warrant holder may, without the consent of the warrant agent, enforce by appropriate legal action on its own behalf the holder's right to exercise the holder's warrants.

### **Description of Stock Purchase Contracts and Stock Purchase Units**

We may issue stock purchase contracts, including contracts obligating holders to purchase from us, and obligating us to sell to the holders, a specified number of shares of common stock at a future date or dates. We may fix the price per share of common stock and the number of shares of common stock at the time the stock purchase contracts are issued or by reference to a specific formula set forth in the stock purchase contracts. We may issue the stock purchase contracts separately or as part of units, which we refer to as “stock purchase units,” consisting of a stock purchase contract and our debt securities or debt obligations of third parties, including U.S. treasury securities, securing the holders’ obligations to purchase the common stock under the stock purchase contracts. The stock purchase contracts may require holders to secure their obligations under the stock purchase contracts in a specified manner. The stock purchase contracts also may require us to make periodic payments to the holders of the stock purchase units or vice versa, and such payments may be unsecured or refunded on some basis.

The applicable prospectus supplement will describe the terms of the stock purchase contracts or stock purchase units. The description in the prospectus supplement will not necessarily be complete, and reference will be made to the stock purchase contracts and, if applicable, collateral or depository arrangements relating to the stock purchase contracts or stock purchase units. The applicable prospectus supplement will also describe material U.S. federal income tax considerations applicable to the stock purchase units and the stock purchase contracts.

## Plan of Distribution

We may sell the securities in and outside the United States through underwriters or dealers, directly to purchasers, through agents or through any combination of these methods.

### Sale Through Underwriters or Dealers

If we use underwriters in the sale of the offered securities, the underwriters will acquire the securities for their own account. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless we inform you otherwise in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to several conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers. We will include in the prospectus supplement the names of the principal underwriters and the amounts underwritten.

During and after an offering through underwriters, the underwriters may purchase and sell the securities in the open market. These transactions may include overallotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. The underwriters may also impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers for the offered securities sold for their account may be reclaimed by the syndicate if such offered securities are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the offered securities, which may be higher than the price that might otherwise prevail in the open market. If commenced, these activities may be discontinued at any time.

If we use dealers in the sale of securities, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The dealers participating in any sale of the securities may be deemed to be underwriters within the meaning of the Securities Act of 1933 with respect to any sale of those securities. We will include in the prospectus supplement the names of the dealers and the terms of the transaction.

### Direct Sales and Sales Through Agents

We may sell the securities directly. In that event, no underwriters or agents would be involved. We may also sell the securities through agents we designate from time to time. In the prospectus supplement, we will name any agent involved in the offer or sale of the offered securities, and we will describe any commissions payable by us to the agent. Unless we inform you otherwise in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act of 1933 with respect to any sale of those securities. We will describe the terms of any such sales in the prospectus supplement.

### Delayed Delivery Contracts

If we so indicate in the prospectus supplement, we may authorize agents, underwriters or dealers to solicit offers from various types of institutions to purchase securities from us at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions the prospectus supplement describes. The prospectus supplement will describe the commission payable for solicitation of those contracts.

### Remarketing

We may offer and sell any of the securities in connection with a remarketing upon their purchase, in accordance with a redemption or repayment by their terms or otherwise, by one or more remarketing firms acting as principals for their own accounts or as our agents. We will identify any remarketing firm, the terms of any remarketing agreement and the compensation to be paid to the remarketing firm in the prospectus supplement. Remarketing firms may be deemed underwriters under the Securities Act of 1933.

## [Table of Contents](#)

### **Derivative Transactions**

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third parties may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third parties in these sale transactions will be underwriters and will be identified in the applicable prospectus supplement or in a post-effective amendment to the registration statement of which this prospectus forms a part.

### **General Information**

We may have agreements with the agents, dealers and underwriters to indemnify them against civil liabilities, including liabilities under the Securities Act of 1933, or to contribute with respect to payments that the agents, dealers or underwriters may be required to make. Agents, dealers and underwriters may be customers of, engage in transactions with or perform services for us in the ordinary course of their businesses.

Each series of offered securities will be a new issue, and, other than our common stock, which is listed on the New York Stock Exchange, will have no established trading market. We may elect to list any series of offered securities on an exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in a series of offered securities. However, they will not be obligated to do so and may discontinue market making at any time without notice. We cannot assure you that a liquid trading market for any of our offered securities will develop.

### **Legal Matters**

Jones Day will pass upon the validity of the securities being offered hereby.

### **Experts**

The financial statements and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in this Prospectus by reference to the Annual Report on Form 10-K for the year ended December 31, 2016 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in

**PART II**  
**INFORMATION NOT REQUIRED IN PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution.**

The following table sets forth expenses payable by MPC in connection with the issuance and distribution of the securities being registered. All the amounts shown are estimates.

SEC registration fee	*
Printing expenses	**
Legal fees and expenses	**
Accounting fees and expenses	**
Fees and expenses of trustee and counsel	**
Rating agency fees	**
Miscellaneous	**
Total	**

\* Applicable SEC registration fees have been deferred in accordance with Rules 456(b) and 457(r) of the Securities Act of 1933 and are not estimable at this time.

\*\* Estimated expenses are not presently known. The foregoing sets forth the general categories of expenses (other than underwriting discounts and commissions) that MPC anticipates it will incur in connection with the offering of securities under this Registration Statement. An estimate of the aggregate expenses in connection with the issuance and distribution of the securities being offered will be included in the applicable prospectus supplement.

**Item 15. Indemnification of Directors and Officers.**

*General Corporation Law of the State of Delaware*

Section 145 of the DGCL provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses including attorneys' fees, judgments, fines and amounts paid in settlement in connection with various actions, suits or proceedings, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation, such as a derivative action), if they acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, if they had no reasonable cause to believe their conduct was unlawful. A similar standard is applicable in the case of any actions by or in the right of the corporation, except that indemnification only extends to expenses, including attorneys' fees, incurred in connection with the defense or settlement of such actions, and the statute requires court approval before there can be any indemnification where the person seeking indemnification has been found liable to the corporation. The statute provides that it is not exclusive of other indemnification that may be granted by a corporation's certificate of incorporation, bylaws, agreement, a vote of stockholders or disinterested directors or otherwise.

Section 102(b)(7) of the DGCL provides that a certificate of incorporation may contain a provision eliminating or limiting the personal liability of a director to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, provided that such provision shall not eliminate or limit the liability of a director (1) for any breach of the director's duty of loyalty to the corporation or its stockholders, (2) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (3) under Section 174 of the DGCL or (4) for any transaction from which the director derived an improper personal benefit.

## Table of Contents

### *Certificate of Incorporation and Amended and restated bylaws*

Article Ten of our restated certificate of incorporation states that:

“No Director of the Corporation shall be personally liable to the Corporation or any of its stockholders for monetary damages for breach of fiduciary duty as a Director; *provided, however*, that the foregoing provision will not eliminate or limit the liability of a Director (a) for any breach of that Director’s duty of loyalty to the Corporation or its stockholders, (b) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (c) pursuant to section 174 of the DGCL, as the same exists or as that provision hereafter may be amended or modified from time to time, or (d) for any transactions from which that Director derived an improper personal benefit. If the DGCL is amended or modified after the filing of this Restated Certificate of Incorporation to authorize corporate action further eliminating or limiting the personal liability of Directors, then the liability of a Director, in addition to the limitation on personal liability provided in this Restated Certificate of Incorporation, will be limited to the fullest extent permitted by that law, as so amended or modified. Any repeal or modification of this Article TEN by the stockholders of the Corporation will be prospective only and will not have any effect on the liability or alleged liability of a Director arising out of or related to any event, act or omission that occurred prior to such repeal or modification.”

In addition, our amended and restated bylaws provide that we will indemnify and hold harmless, to the fullest extent permitted by applicable law as it presently exists or may be amended, any person who was or is made or is threatened to be made a party or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person or a person for whom such person is the legal representative, is or was a director or officer of us or, while a director or officer of us, is or was serving at our request as a director, officer, manager, partner, member, member representative or other designated legal representative of another corporation or of a partnership, joint venture, limited liability company, trust or other enterprise, including service with respect to employee benefit plans, against all liability and losses suffered and expenses (including attorneys’ fees) incurred by such person in connection with such action, suit or proceeding. Our amended and restated bylaws also provide that we will pay the expenses incurred by a director or officer in defending any such proceeding in advance of its final disposition, subject to such person providing us with specified undertakings. Notwithstanding the foregoing, our amended and restated bylaws provide that we shall be required to indemnify or make advances to a person in connection with a proceeding (or part thereof) initiated by such person only if the proceeding (or part thereof) was authorized by our board of directors. These rights are not exclusive of any other right that any person may have or may acquire under any statute, provision of our restated certificate of incorporation, amended and restated bylaws, agreement, vote of stockholders or disinterested directors or otherwise. No amendment, modification or repeal of those provisions will in any way adversely affect any right or protection under those provisions of any person in respect of any act or omission occurring prior to the time of such amendment, modification or repeal.

Our amended and restated bylaws also permit us to secure and maintain insurance on behalf of any of our directors, officers, employees or agents and each person who is, or was, serving at our request as a director, officer, employee or agent of another corporation, partnership, joint venture, limited liability company, trust or other enterprise for any liability asserted against and incurred by such person in any such capacity. We maintain directors’ and officers’ liability insurance providing coverage to our directors and officers.

## Table of Contents

### Item 16. Exhibits.\*

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
4.1	Restated Certificate of Incorporation of Marathon Petroleum Corporation (Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on June 22, 2011 (file no. 001-35054))**
4.2	Amended and Restated Bylaws of Marathon Petroleum Corporation (Exhibit 3.2 to the Registrant's Annual Report on Form 10-K filed on February 24, 2017 (file no. 001-35054)) **
4.3	Indenture dated as of February 1, 2011 between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Registration Statement on Form 10 filed on January 25, 2011 (file no. 001-35054)) **
4.4	First Supplemental Indenture, dated as of September 5, 2014, by and between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Quarterly Report on Form 10-Q filed on November 3, 2014 (file no. 001-35054)) **
4.5	Second Supplemental Indenture, dated as of December 14, 2015, by and between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on December 14, 2015 (file no. 001-35054)) **
4.6	Form of Indenture between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Subordinated Debt Securities (Exhibit 4.4 to the Registrant's Registration Statement on Form S-3 filed on June 30, 2014 (Registration No. 333-197128)) **
5.1	Opinion of Jones Day
12.1	Computation of Ratio of Earnings to Fixed Charges
23.1	Consent of Independent Registered Public Accounting Firm
23.2	Consent of Jones Day (included in Exhibit 5.1)
24.1	Power of Attorney of Directors and Officers of Marathon Petroleum Corporation
25.1	Statement of Eligibility and Qualification under the Trust Indenture Act of 1939, as amended, on Form T-1 of The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities
25.2	Statement of Eligibility and Qualification under the Trust Indenture Act of 1939, as amended, on Form T-1 of The Bank of New York Mellon Trust Company, N.A., as Trustee for Subordinated Debt Securities

\* MPC will file as an exhibit to a Current Report on Form 8-K (i) any underwriting, remarketing or agency agreement relating to the securities offered hereby, (ii) the instruments setting forth the terms of any debt securities, preferred stock, warrants or stock purchase contracts, (iii) any additional required opinions of counsel with respect to legality of the securities offered hereby and (iv) any required opinion of counsel to MPC as to certain tax matters relative to the securities offered hereby.

\*\*Incorporated by reference to the filing indicated.

### Item 17. Undertakings

(a) The undersigned Registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
  - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
  - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

## Table of Contents

- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement; *provided, however*, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.
- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act to any purchaser:
  - (i) Each prospectus filed by the Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (5) That, for the purpose of determining liability of the Registrant under the Securities Act to any purchaser in the initial distribution of the securities:

The undersigned Registrant undertakes that in a primary offering of securities of the undersigned Registrant pursuant to the registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

  - (i) Any preliminary prospectus or prospectus of the undersigned Registrant relating to the offering required to be filed pursuant to Rule 424;
  - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned Registrant or used or referred to by the undersigned Registrant;
  - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned Registrant or its securities provided by or on behalf of the undersigned Registrant; and
  - (iv) Any other communication that is an offer in the offering made by the undersigned Registrant to the purchaser.

Table of Contents

- (b) The undersigned Registrant hereby further undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

[Table of Contents](#)

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, Marathon Petroleum Corporation certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Findlay, the State of Ohio, on April 28, 2017.

MARATHON PETROLEUM CORPORATION

By: /s/ Gary R. Heminger  
Gary R. Heminger  
Chairman of the Board, President and  
Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities indicated on April 28, 2017.

/s/ Gary R. Heminger  
Gary R. Heminger  
Chairman of the Board, President and Chief Executive Officer  
(principal executive officer)

/s/ Timothy T. Griffith  
Timothy T. Griffith  
Senior Vice President and Chief Financial Officer  
(principal financial officer)

/s/ John J. Quaid  
John J. Quaid  
Vice President and Controller  
(principal accounting officer)

\*  
Abdulaziz F. Alkhayyal  
Director

\*  
Evan Bayh  
Director

\*  
Charles E. Bunch  
Director

\*  
David A. Daberko  
Director

\*  
Steven A. Davis  
Director

\*  
Donna A. James  
Director

\*  
James E. Rohr  
Director

\*  
Frank M. Semple  
Director

\*  
J. Michael Stice  
Director

\*  
John P. Surma  
Director

\* The undersigned, by signing his name hereto, does sign and execute this registration statement on Form S-3 pursuant to the Power of Attorney executed by the above-named directors and officers of the registrant, which is being filed herewith on behalf of such directors and officers.

By: /s/ Gary R. Heminger  
Gary R. Heminger  
Attorney-in-Fact

April 28, 2017

[Table of Contents](#)

**EXHIBIT INDEX\***

<b><u>Exhibit No.</u></b>	<b><u>Description of Exhibit</u></b>
4.1	Restated Certificate of Incorporation of Marathon Petroleum Corporation (Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on June 22, 2011 (file no. 001-35054))**
4.2	Amended and Restated Bylaws of Marathon Petroleum Corporation (Exhibit 3.2 to the Registrant's Annual Report on Form 10-K filed on February 24, 2017 (file no. 001-35054)) **
4.3	Indenture dated as of February 1, 2011 between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Registration Statement on Form 10 filed on January 25, 2011 (file no. 001-35054)) **
4.4	First Supplemental Indenture, dated as of September 5, 2014, by and between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Quarterly Report on Form 10-Q filed on November 3, 2014 (file no. 001-35054)) **
4.5	Second Supplemental Indenture, dated as of December 14, 2015, by and between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities (Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on December 14, 2015 (file no. 001-35054)) **
4.6	Form of Indenture between Marathon Petroleum Corporation and The Bank of New York Mellon Trust Company, N.A., as Trustee for Subordinated Debt Securities (Exhibit 4.4 to the Registrant's Registration Statement on Form S-3 filed on June 30, 2014 (Registration No. 333-197128)) **
5.1	Opinion of Jones Day
12.1	Computation of Ratio of Earnings to Fixed Charges
23.1	Consent of Independent Registered Public Accounting Firm
23.2	Consent of Jones Day (included in Exhibit 5.1)
24.1	Power of Attorney of Directors and Officers of Marathon Petroleum Corporation
25.1	Statement of Eligibility and Qualification under the Trust Indenture Act of 1939, as amended, on Form T-1 of The Bank of New York Mellon Trust Company, N.A., as Trustee for Senior Debt Securities
25.2	Statement of Eligibility and Qualification under the Trust Indenture Act of 1939, as amended, on Form T-1 of The Bank of New York Mellon Trust Company, N.A., as Trustee for Subordinated Debt Securities

\* MPC will file as an exhibit to a Current Report on Form 8-K (i) any underwriting, remarketing or agency agreement relating to the securities offered hereby, (ii) the instruments setting forth the terms of any debt securities, preferred stock, warrants or stock purchase contracts, (iii) any additional required opinions of counsel with respect to legality of the securities offered hereby and (iv) any required opinion of counsel to MPC as to certain tax matters relative to the securities offered hereby.

\*\* Incorporated by reference to the filing indicated.

# JONES DAY

NORTH POINT 7 901 LAKESIDE AVENUE 7 CLEVELAND, OHIO 44114.1190

TELEPHONE: +1.216.586.3939 FACSIMILE: +1.216.579.0212

April 28, 2017

Marathon Petroleum Corporation  
539 South Main Street  
Findlay, Ohio 45840-3229

Re: Registration Statement on Form S-3 Filed by Marathon Petroleum Corporation

Ladies and Gentlemen:

We have acted as counsel for Marathon Petroleum Corporation, a Delaware corporation (the "**Company**"), in connection with the authorization of the possible issuance and sale from time to time, on a delayed basis, by the Company of an indeterminate aggregate initial offering price or number of: (i) senior debt securities of the Company ("**Senior Debt Securities**"), in one or more series; (ii) subordinated debt securities of the Company ("**Subordinated Debt Securities**") and, collectively with the Senior Debt Securities, "**Debt Securities**"), in one or more series; (iii) shares of common stock, par value \$0.01 per share, of the Company ("**Common Stock**"); (iv) shares of preferred stock, par value \$0.01 per share, of the Company ("**Preferred Stock**"); (v) warrants to purchase Debt Securities, Common Stock, Preferred Stock or other securities of the Company ("**Warrants**"); (vi) contracts to purchase Common Stock or other securities of the Company at a future date or dates ("**Stock Purchase Contracts**"); and (vii) units consisting of a Stock Purchase Contract and Debt Securities or debt obligations of third parties, including United States treasury securities, securing the holders' obligations to purchase the securities under the Stock Purchase Contracts ("**Stock Purchase Units**"), in each case as contemplated by the Company's Registration Statement on Form S-3 to which this opinion has been filed as an exhibit (as the same may be amended from time to time, the "**Registration Statement**"). The Debt Securities, Common Stock, Preferred Stock, Warrants, Stock Purchase Contracts and Stock Purchase Units are referred to herein collectively as the "**Securities**" and each, as a "**Security**." The Securities may be offered and sold from time to time pursuant to Rule 415 under the Securities Act of 1933 (the "**Securities Act**"). The Senior Debt Securities are to be issued under the Indenture, dated as of February 1, 2011 (as amended, supplemented or otherwise modified from time to time, the "**Senior Indenture**"), between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee.

In connection with the opinions expressed herein, we have examined such documents, records and matters of law as we have deemed relevant or necessary for purposes of such opinions. Based on the foregoing and subject to the further assumptions, qualifications and limitations set forth herein, we are of the opinion that:

1. The Senior Debt Securities, upon receipt by the Company of such lawful consideration therefor as the Company's Board of Directors (or an authorized committee thereof) may determine, will constitute valid and binding obligations of the Company.
2. The Subordinated Debt Securities, upon receipt by the Company of such lawful consideration therefor as the Company's Board of Directors (or an authorized committee thereof) may determine, will constitute valid and binding obligations of the Company.
3. The shares of Common Stock, upon receipt by the Company of such lawful consideration therefor having a value not less than the par value thereof as the Company's Board of Directors (or an authorized committee thereof) may determine, will be validly issued, fully paid and nonassessable.

ALKHOBAR 7 AMSTERDAM 7 ATLANTA 7 BEIJING 7 BOSTON 7 BRISBANE 7 BRUSSELS 7 CHICAGO 7 CLEVELAND 7 COLUMBUS 7 DALLAS  
DETROIT 7 DUBAI 7 DÜSSELDORF 7 FRANKFURT 7 HONG KONG 7 HOUSTON 7 IRVINE 7 JEDDAH 7 LONDON 7 LOS ANGELES  
MADRID 7 MEXICO CITY 7 MIAMI 7 MINNEAPOLIS 7 MILAN 7 MOSCOW 7 MUNICH 7 NEW YORK 7 PARIS 7 PERTH 7 PITTSBURGH 7 RIYADH  
SAN DIEGO 7 SAN FRANCISCO 7 SÃO PAULO 7 SHANGHAI 7 SILICON VALLEY 7 SINGAPORE 7 SYDNEY 7 TAIPEI 7 TOKYO 7 WASHINGTON

Marathon Petroleum Corporation

April 28, 2017

2

4. The shares of Preferred Stock, upon receipt by the Company of such lawful consideration therefor having a value not less than the par value thereof as the Company's Board of Directors (or an authorized committee thereof) may determine, will be validly issued, fully paid and nonassessable.
5. The Warrants, upon receipt by the Company of such lawful consideration therefor as the Company's Board of Directors (or an authorized committee thereof) may determine, will constitute valid and binding obligations of the Company.
6. The Stock Purchase Contracts, upon receipt by the Company of such lawful consideration therefor as the Company's Board of Directors (or an authorized committee thereof) may determine, will constitute valid and binding obligations of the Company.
7. The Stock Purchase Units, upon receipt by the Company of such lawful consideration therefor as the Company's Board of Directors (or an authorized committee thereof) may determine, will constitute valid and binding obligations of the Company.

In rendering the foregoing opinions, we have assumed that: (i) the Registration Statement, and any amendments thereto, will have become effective (and will remain effective at the time of issuance of any Securities thereunder); (ii) a prospectus supplement describing each class and/or series of Securities offered pursuant to the Registration Statement, to the extent required by applicable law and relevant rules and regulations of the Securities and Exchange Commission (the "**Commission**"), will be timely filed with the Commission; (iii) the definitive terms of each class and/or series of Securities will have been established in accordance with the authorizing resolutions adopted by the Company's Board of Directors (or an authorized committee thereof), the Company's Restated Certificate of Incorporation (as the same may be amended from time to time, the "**Certificate of Incorporation**"), and applicable law; (iv) the Company will issue and deliver the Securities in the manner contemplated by the Registration Statement and any Securities that consist of shares of capital stock will have been authorized and reserved for issuance, in each case within the limits of the then-remaining authorized but unissued and unreserved amounts of such capital stock; (v) the resolutions authorizing the Company to issue, offer and sell the Securities will have been adopted by the Company's Board of Directors (or an authorized committee thereof) and will be in full force and effect at all times at which the Securities are offered or sold by the Company; (vi) all Securities will be issued in compliance with applicable federal and state securities laws; and (vii) any Indenture, Warrant Agreement, Purchase Contract Agreement or Stock Purchase Unit Agreement (each as defined below) will be governed by and construed in accordance with the laws of the State of New York and will constitute a valid and binding obligation of each party thereto other than the Company.

With respect to any Securities consisting of any series of Debt Securities, we have further assumed that: (i)(A) any Senior Debt Securities will have been issued pursuant to the Senior Indenture, (B) any Subordinated Debt Securities will have been issued pursuant to an indenture that has been authorized, executed and delivered by the Company and the applicable trustee in a form approved by us (the "**Subordinated Indenture**" and each of the Senior Indenture and the Subordinated Indenture, an "**Indenture**") and (C) each of the Senior Indenture and the Subordinated Indenture will have been qualified under the Trust Indenture Act of 1939; (ii) all terms of such Debt Securities not provided for in the applicable Indenture will have been established in accordance with the provisions of the applicable Indenture and reflected in appropriate documentation approved by us and, if applicable, executed and delivered by the Company and the applicable trustee; and (iii) such Debt Securities will be executed, authenticated, issued and delivered in accordance with the provisions of the applicable Indenture.

With respect to any Securities consisting of Preferred Stock, we have further assumed that the Company will issue and deliver the Preferred Stock being issued and delivered after either (i) the filing with the Secretary of

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Marathon Petroleum Corporation

April 28, 2017

3

State of the State of Delaware of a certificate of designation to the Certificate of Incorporation or (ii) the adoption by the Company's Board of Directors of a resolution or resolutions, in each case, in a form approved by us, establishing the designations, preferences and rights of the class or series of the Preferred Stock being issued and delivered.

With respect to any Securities consisting of Warrants, we have further assumed that: (i) the warrant agreement, approved by us, relating to the Warrants (the "**Warrant Agreement**") to be entered into between the Company and an entity selected by the Company to act as the warrant agent (the "**Warrant Agent**") will have been authorized, executed and delivered by the Company and the Warrant Agent; and (ii) the Warrants will be authorized, executed and delivered by the Company and the Warrant Agent in accordance with the provisions of the Warrant Agreement.

With respect to any Securities consisting of Stock Purchase Contracts, we have further assumed that: (i) the purchase contract agreement, approved by us, relating to the Stock Purchase Contracts (the "**Purchase Contract Agreement**") to be entered into between the Company and an entity selected by the Company to act as the purchase contract agent (the "**Purchase Contract Agent**") will have been authorized, executed and delivered by the Company and the Purchase Contract Agent; and (ii) the Stock Purchase Contracts will be authorized, executed and delivered by the Company and the Purchase Contract Agent in accordance with the provisions of the Purchase Contract Agreement.

With respect to any Securities consisting of Stock Purchase Units, we have further assumed that: (i) the stock purchase unit agreement, approved by us, relating to the Stock Purchase Units (the "**Stock Purchase Unit Agreement**") to be entered into between the Company and an entity selected by the Company to act as the purchase unit agent (the "**Stock Purchase Unit Agent**") will have been authorized, executed and delivered by the Company and the Stock Purchase Unit Agent; (ii) the Stock Purchase Units will be authorized, executed and delivered by the Company and the Stock Purchase Unit Agent in accordance with the provisions of the Stock Purchase Unit Agreement; and (iii) each component of such Stock Purchase Units will be authorized, validly issued, fully paid and nonassessable (to the extent applicable) and will constitute a valid and binding obligation of the Company or any third party (to the extent applicable) as contemplated by the Registration Statement and the Stock Purchase Unit Agreement.

The opinions expressed herein are limited by bankruptcy, insolvency, reorganization, fraudulent transfer and fraudulent conveyance, voidable preference, moratorium or other similar laws and related regulations and judicial doctrines from time to time in effect relating to or affecting creditors' rights generally, and by general equitable principles and public policy considerations, whether such principles and considerations are considered in a proceeding at law or at equity.

As to facts material to the opinions and assumptions expressed herein, we have relied upon oral or written statements and representations of officers and other representatives of the Company and others. The opinions expressed herein are limited to the laws of the State of New York and the General Corporation Law of the State of Delaware, in each case as currently in effect, and we express no opinion as to the effect of the laws of any other jurisdiction.

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Marathon Petroleum Corporation

April 28, 2017

4

We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement and to the reference to Jones Day under the caption "Legal Matters" in the prospectus constituting a part of the Registration Statement. In giving such consent, we do not thereby admit that we are included in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ Jones Day

**Marathon Petroleum Corporation Computation of Ratio of Earnings to Fixed Charges**  
**TOTAL ENTERPRISE BASIS - Unaudited**  
(In millions)

	<b>For the Years Ended December 31,</b>				
	2016	2015	2014	2013	2012
Portion of rentals representing interest	\$ 109	\$ 110	\$ 85	\$ 71	\$ 46
Capitalized interest	64	37	27	28	101
Other interest and fixed charges	539	288	201	167	90
Preference security dividend requirements of consolidated subsidiaries	41	—	—	—	—
Total fixed charges (A)	<u>\$ 753</u>	<u>\$ 435</u>	<u>\$ 313</u>	<u>\$ 266</u>	<u>\$ 237</u>
Earnings-pretax income with applicable adjustments (B)	<u>\$ 3,004</u>	<u>\$ 4,852</u>	<u>\$ 4,194</u>	<u>\$ 3,518</u>	<u>\$ 5,423</u>
Ratio of (B) to (A)	<u>4.0</u>	<u>11.2</u>	<u>13.4</u>	<u>13.2</u>	<u>22.9</u>

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of our report dated February 24, 2017 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in Marathon Petroleum Corporation's Annual Report on Form 10-K for the year ended December 31, 2016. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

Toledo, OH  
April 28, 2017

## POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that each of the undersigned directors and officers of Marathon Petroleum Corporation, a Delaware corporation (the “**Registrant**”), does hereby constitute and appoint Gary R. Heminger, Timothy T. Griffith and John J. Quaid, and each of them acting individually, as the true and lawful attorney-in-fact or attorneys-in-fact for each of the undersigned, with full power of substitution and resubstitution, and in the name, place and stead of each of the undersigned, to execute on behalf of the undersigned (i) a Registration Statement on Form S-3 (the “**Form S-3 Registration Statement**”) with respect to the registration under the Securities Act of 1933, as amended, of an unspecified amount of equity and debt securities of the Registrant, (ii) any and all amendments, including post-effective amendments, supplements and exhibits to the Form S-3 Registration Statement that said attorneys, or any one of them, deem necessary, appropriate or desirable to be filed with the Securities and Exchange Commission (the “**SEC**”) in connection with Form S-3 Registration Statement and (iii) any and all instruments, certificates, applications, agreements or other documents that said attorneys, or any one of them, deem necessary, appropriate or desirable to be filed with the SEC or any state securities commission or other regulatory authority or exchange with respect to the securities registered under the Form S-3 Registration Statement, in each case, granting to said attorneys, and each of them individually, full power and authority to do or cause to be done any and all acts and things whatsoever deemed necessary, appropriate or desirable by said attorneys, or any one of them, to be in the premises, as fully to all intents and purposes as the undersigned might or could do in person, and hereby ratifying and approving the acts of said attorneys, or any one of them, and any such substitute prior to the execution hereof.

This Power of Attorney may be executed in multiple counterparts, each of which will be deemed an original with respect to the person executing it.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands as of the 26th day of April, 2017.

/s/ Gary R. Heminger

\_\_\_\_\_  
 Gary R. Heminger  
 Chairman of the Board, President, and  
 Chief Executive Officer  
 (principal executive officer)

/s/ Timothy T. Griffith

\_\_\_\_\_  
 Timothy T. Griffith  
 Senior Vice President and Chief Financial Officer  
 (principal financial officer)

/s/ John J. Quaid

\_\_\_\_\_  
 John J. Quaid  
 Vice President and Controller  
 (principal accounting officer)

/s/ Abdulaziz F. Alkhayyal

\_\_\_\_\_  
 Abdulaziz F. Alkhayyal  
 Director

/s/ Evan Bayh

\_\_\_\_\_  
 Evan Bayh  
 Director

/s/ Charles E. Bunch

\_\_\_\_\_  
 Charles E. Bunch  
 Director

/s/ David A. Daberko

\_\_\_\_\_  
 David A. Daberko  
 Director

/s/ Steven A. Davis

\_\_\_\_\_  
 Steven A. Davis  
 Director

/s/ Donna A. James

\_\_\_\_\_  
 Donna A. James  
 Director

/s/ James E. Rohr

\_\_\_\_\_  
 James E. Rohr  
 Director

/s/ Frank M. Semple

\_\_\_\_\_  
 Frank M. Semple  
 Director

/s/ J. Michael Stice

\_\_\_\_\_  
 J. Michael Stice  
 Director

/s/ John P. Surma

\_\_\_\_\_  
 John P. Surma  
 Director

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

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FORM T-1

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STATEMENT OF ELIGIBILITY  
UNDER THE TRUST INDENTURE ACT OF 1939 OF A  
CORPORATION DESIGNATED TO ACT AS TRUSTEE  
CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY  
OF A TRUSTEE PURSUANT TO SECTION 305(b)(2)

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**THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.**

(Exact name of trustee as specified in its charter)

---

N/A  
(State of incorporation  
if not a U.S. national bank)  
**400 South Hope Street, Suite 400**  
**Los Angeles, California**  
(Address of principal executive offices)

**95-3571558**  
(I.R.S. employer  
identification no.)

**90071**  
(Zip code)

**Legal Department**  
**The Bank of New York Mellon Trust Company, N.A.**  
**225 Liberty Street**  
**New York, NY 10286**  
**(212) 635-1270**  
(Name, address and telephone number of agent for service)

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**MARATHON PETROLEUM CORPORATION**

(Exact name of obligor as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)  
**539 South Main Street**  
**Findlay, Ohio**  
(Address of principal executive offices)

**27-1284632**  
(I.R.S. employer  
identification no.)

**45840-3229**  
(Zip code)

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**Senior Debt Securities**  
(Title of the indenture securities)

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**Item 1. General information.**

Furnish the following information as to the trustee:

- (a) Name and address of each examining or supervising authority to which it is subject.

<u>Name</u>	<u>Address</u>
Comptroller of the Currency – United States Department of the Treasury	Washington, D.C. 20219
Federal Reserve Bank	San Francisco, California 94105
Federal Deposit Insurance Corporation	Washington, D.C. 20429

- (b) Whether it is authorized to exercise corporate trust powers.

Yes.

**Item 2. Affiliations with Obligor.**

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

**Item 16. List of Exhibits.**

**Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).**

1. A copy of the articles of association of The Bank of New York Mellon Trust Company, N.A. (Exhibit 1 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  2. A copy of certificate of authority of the trustee to commence business. (Exhibit 2 to Form T-1 filed with Registration Statement No. 333-121948).
  3. A copy of the authorization of the trustee to exercise corporate trust powers. (Exhibit 3 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  4. A copy of the existing by-laws of the trustee. (Exhibit 4 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  5. Not applicable.
  6. The consent of the trustee required by Section 321(b) of the Act. (Exhibit 6 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.
  8. Not applicable.
  9. Not applicable.
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Consolidated Report of Condition of  
THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION  
of 400 South Hope Street, Suite 400, Los Angeles, CA 90071

At the close of business December 31, 2016, published in accordance with Federal regulatory authority instructions.

Dollar Amounts  
in Thousands

ASSETS

Cash and balances due from depository institutions:		
Noninterest-bearing balances and currency and coin		1,645
Interest-bearing balances		278,360
Securities:		
Held-to-maturity securities		0
Available-for-sale securities		719,638
Federal funds sold and securities purchased under agreements to resell:		
Federal funds sold		0
Securities purchased under agreements to resell		0
Loans and lease financing receivables:		
Loans and leases held for sale		0
Loans and leases, net of unearned income	0	
LESS: Allowance for loan and lease losses	0	
Loans and leases, net of unearned income and allowance		0
Trading assets		0
Premises and fixed assets (including capitalized leases)		11,405
Other real estate owned		0
Investments in unconsolidated subsidiaries and associated companies		0
Direct and indirect investments in real estate ventures		0
Not applicable		
Intangible assets:		
Goodwill		856,313
Other Intangible Assets		50,819
Other assets		<u>187,830</u>
Total assets		<u>\$2,106,010</u>

## LIABILITIES

### Deposits:

In domestic offices		616
Noninterest-bearing	616	
Interest-bearing	0	
Not applicable		
Federal funds purchased and securities		
sold under agreements to repurchase:		0
Federal funds purchased		0
Securities sold under agreements to repurchase		0
Trading liabilities		
Other borrowed money:		
(includes mortgage indebtedness		
and obligations under capitalized		
leases)		0
Not applicable		
Not applicable		
Subordinated notes and debentures		0
Other liabilities		292,769
Total liabilities		293,385
Not applicable		

## EQUITY CAPITAL

Perpetual preferred stock and related surplus		0
Common stock		1,000
Surplus (exclude all surplus related to preferred stock)		1,122,729
Not available		
Retained earnings		690,002
Accumulated other comprehensive income		-1,106
Other equity capital components		0
Not available		
Total bank equity capital		1,812,625
Noncontrolling (minority) interests in consolidated subsidiaries		0
Total equity capital		<u>1,812,625</u>
Total liabilities and equity capital (sum of items 21 and 28)		<u>2,106,010</u>

I, Matthew J. McNulty, CFO of the above-named bank do hereby declare that the Reports of Condition and Income (including the supporting schedules) for this report date have been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and are true to the best of my knowledge and belief.

Matthew J. McNulty ) CFO

We, the undersigned directors (trustees), attest to the correctness of the Report of Condition (including the supporting schedules) for this report date and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Antonio I. Portuondo, President )  
William D. Lindelof, Director ) Directors (Trustees)  
Alphonse J. Briand, Director )

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

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FORM T-1

---

STATEMENT OF ELIGIBILITY  
UNDER THE TRUST INDENTURE ACT OF 1939 OF A  
CORPORATION DESIGNATED TO ACT AS TRUSTEE

CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY  
OF A TRUSTEE PURSUANT TO SECTION 305(b)(2)

---

**THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.**

(Exact name of trustee as specified in its charter)

---

**N/A**  
(State of incorporation  
if not a U.S. national bank)  
**400 South Hope Street, Suite 400**  
**Los Angeles, California**  
(Address of principal executive offices)

**95-3571558**  
(I.R.S. employer  
identification no.)

**90071**  
(Zip code)

**Legal Department**  
**The Bank of New York Mellon Trust Company, N.A.**  
**225 Liberty Street**  
**New York, NY 10286**  
**(212) 635-1270**

(Name, address and telephone number of agent for service)

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**MARATHON PETROLEUM CORPORATION**

(Exact name of obligor as specified in its charter)

---

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)  
**539 South Main Street**  
**Findlay, Ohio**  
(Address of principal executive offices)

**27-1284632**  
(I.R.S. employer  
identification no.)

**45840-3229**  
(Zip code)

---

**Subordinated Debt Securities**  
(Title of the indenture securities)

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**Item 1. General information.**

Furnish the following information as to the trustee:

- (a) Name and address of each examining or supervising authority to which it is subject.

<u>Name</u>	<u>Address</u>
Comptroller of the Currency – United States Department of the Treasury	Washington, D.C. 20219
Federal Reserve Bank	San Francisco, California 94105
Federal Deposit Insurance Corporation	Washington, D.C. 20429

- (b) Whether it is authorized to exercise corporate trust powers.

Yes.

**Item 2. Affiliations with Obligor.**

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

**Item 16. List of Exhibits.**

**Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).**

1. A copy of the articles of association of The Bank of New York Mellon Trust Company, N.A. (Exhibit 1 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  2. A copy of certificate of authority of the trustee to commence business. (Exhibit 2 to Form T-1 filed with Registration Statement No. 333-121948).
  3. A copy of the authorization of the trustee to exercise corporate trust powers. (Exhibit 3 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  4. A copy of the existing by-laws of the trustee. (Exhibit 4 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  5. Not applicable.
  6. The consent of the trustee required by Section 321(b) of the Act. (Exhibit 6 to Form T-1 filed pursuant to Section 305(b)(2) of the Act in connection with Registration Statement No. 333-135006-10).
  7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.
  8. Not applicable.
  9. Not applicable.
-



Consolidated Report of Condition of  
 THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION  
 of 400 South Hope Street, Suite 400, Los Angeles, CA 90071

At the close of business December 31, 2016, published in accordance with Federal regulatory authority instructions.

Dollar Amounts  
in Thousands

ASSETS

Cash and balances due from depository institutions:		
Noninterest-bearing balances and currency and coin		1,645
Interest-bearing balances		278,360
Securities:		
Held-to-maturity securities		0
Available-for-sale securities		719,638
Federal funds sold and securities purchased under agreements to resell:		
Federal funds sold		0
Securities purchased under agreements to resell		0
Loans and lease financing receivables:		
Loans and leases held for sale		0
Loans and leases, net of unearned income	0	
LESS: Allowance for loan and lease losses	0	
Loans and leases, net of unearned income and allowance		0
Trading assets		0
Premises and fixed assets (including capitalized leases)		11,405
Other real estate owned		0
Investments in unconsolidated subsidiaries and associated companies		0
Direct and indirect investments in real estate ventures		0
Not applicable		
Intangible assets:		
Goodwill		856,313
Other Intangible Assets		50,819
Other assets		<u>187,830</u>
Total assets		<u>\$2,106,010</u>

## LIABILITIES

### Deposits:

In domestic offices		616
Noninterest-bearing	616	
Interest-bearing	0	
Not applicable		
Federal funds purchased and securities		
sold under agreements to repurchase:		0
Federal funds purchased		0
Securities sold under agreements to repurchase		0
Trading liabilities		
Other borrowed money:		
(includes mortgage indebtedness		
and obligations under capitalized		
leases)		0
Not applicable		
Not applicable		
Subordinated notes and debentures		0
Other liabilities		292,769
Total liabilities		293,385
Not applicable		

## EQUITY CAPITAL

Perpetual preferred stock and related surplus		0
Common stock		1,000
Surplus (exclude all surplus related to preferred stock)		1,122,729
Not available		
Retained earnings		690,002
Accumulated other comprehensive income		-1,106
Other equity capital components		0
Not available		
Total bank equity capital		1,812,625
Noncontrolling (minority) interests in consolidated subsidiaries		0
Total equity capital		<u>1,812,625</u>
Total liabilities and equity capital (sum of items 21 and 28)		<u>2,106,010</u>

I, Matthew J. McNulty, CFO of the above-named bank do hereby declare that the Reports of Condition and Income (including the supporting schedules) for this report date have been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and are true to the best of my knowledge and belief.

Matthew J. McNulty ) CFO

We, the undersigned directors (trustees), attest to the correctness of the Report of Condition (including the supporting schedules) for this report date and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Antonio I. Portuondo, President )  
William D. Lindelof, Director ) Directors (Trustees)  
Alphonse J. Briand, Director )