Registration No. 333-

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

FORM S-4 **REGISTRATION STATEMENT UNDER**

THE SECURITIES ACT OF 1933

Range Resources Corporation

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization

1311 (Primary Standard Industrial

34-1312571 (IRS Employer Identification Number)

Classification Code Number) 100 Throckmorton Street, Suite 1200

Fort Worth, Texas 76102 (817) 870-2601

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

David P. Poole Range Resources Corporation 100 Throckmorton Street, Suite 1200 Fort Worth, Texas 76102 (817) 870-2601

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

See Table of Additional Registrants Below

with copies to:

Kevin P. Lewis J. Mark Metts Sidley Austin LLP 1000 Louisiana Street, Suite 6000 Houston, Texas 77002 (713) 495-4500

Edward D. Ricchiuto Kunle A. Deru Sidley Austin LLP 787 Seventh Avenue New York, New York 10019 (212) 839-5300

Approximate date of commencement of proposed sale of the securities to the public: As soon as practicable after this registration statement becomes effective.

If the securities being registered on this form are being offered in connection with the formation of a holding company and there is compliance with General Instruction G, check the following box: $\hfill \Box$

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) 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: \Box

If this form is a post-effective amendment filed pursuant to Rule 462(d) 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: \Box

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a 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 X Accelerated filer Non-accelerated filer \Box (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.

If applicable, place an X in the box to designate the appropriate rule provision relied upon in conducting this transaction:

Exchange Act Rule 13e-4(i) (Cross-Border Issuer Tender Offer)

Exchange Act Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)

CALCULATION OF REGISTRATION FEE

		Proposed	Proposed	
	Amount	maximum	maximum	
Title of each class of	to be	offering price	aggregate	Amount of
securities to be registered	registered	per note	offering price(1)	registration fee(1)
5.75% Senior Notes due 2021	\$475,952,000	100%	\$475,952,000	\$55,162.84
5.875% Senior Notes due 2022	\$329,244,000	100%	\$329,244,000	\$38,159.38
5.00% Senior Notes due 2022	\$580,032,000	100%	\$580,032,000	\$67,225.71
5.00% Senior Notes due 2023	\$741,531,000	100%	\$741,531,000	\$85,943.45
Guarantees of 5.75% Senior Notes due 2021	—	—	_	— (2)
Guarantees of 5.875% Senior Notes due 2022	—	—	_	— (2)
Guarantees of 5.00% Senior Notes due 2022	—	—	_	— (2)
Guarantees of 5.00% Senior Notes due 2023	—	—	—	— (2)

(1) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(f) under the Securities Act of 1933, as amended.

(2) The Additional Registrants listed below will guarantee the payment of the 5.75% Senior Notes due 2021, the 5.875% Senior Notes due 2022, the 5.00% Senior Notes due 2022 and the 5.00% Senior Notes due 2023. Pursuant to Rule 457(n) of the Securities Act, no separate registration fee for the guarantees is payable.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until this registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

TABLE OF ADDITIONAL REGISTRANTS

Exact Name of Additional Registrant as Specified in its Charter*	State or Other Jurisdiction of Incorporation or Organization	I.R.S. Employer Identification No.
Energy Assets Operating Company, LLC	Delaware	76-0597224
Range Energy Services Company, LLC	Delaware	75-2423912
Range Production Company, LLC	Delaware	80-0571783
Range Resources—Appalachia, LLC	Delaware	34-1902948
Range Resources—Louisiana, Inc.	Delaware	46-4710769
Range Resources—Midcontinent, LLC	Delaware	73-1504725
Range Resources—Pine Mountain, Inc.	Delaware	56-2381865
Range Louisiana Operating, LLC	Delaware	46-1358649

* The address for each additional registrant's principal executive office is 100 Throckmorton Street, Suite 1200, Fort Worth, Texas 76102, the telephone number of each additional registrant's principal executive office is (817) 870-2601 and the primary standard industrial classification code number of each additional registrant is 1311.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and we are not soliciting offers to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED AUGUST 9, 2017

Prospectus

RANGE RESOURCES[®] Range Resources Corporation

OFFERS TO EXCHANGE

Any and all of its outstanding \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (which we refer to as the "Old 2021 Notes")

for

Up to \$475,952,000 aggregate principal amount of its 5.75% Senior Notes due 2021

that have been registered under the Securities Act of 1933 (which we refer to as the "New 2021 Notes") and

Any and all of its outstanding \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (which we refer to as the "Old 5.875% 2022 Notes")

for

Up to \$329,244,000 aggregate principal amount of its 5.875% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.875% 2022 Notes") and

Any and all of its outstanding \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (which we refer to as the "Old 5.00% 2022 Notes")

for Up to \$580,032,000 aggregate principal amount of its 5.00% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.00% 2022 Notes")

and Any and all of its outstanding \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 (which we refer to as the "Old 2023 Notes")

for

Up to \$741,531,000 aggregate principal amount of its 5.00% Senior Notes due 2023 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2023 Notes")

These exchange offers will expire at 5:00 p.m., New York City time, on , 2017, unless extended.

Upon the terms and subject to the conditions set forth in this prospectus and the related letter of transmittal, we are offering to exchange any and all of the \$475,952,000 aggregate principal amount of our Old 5.075% 2022 Notes, any and all of the \$580,032,000 aggregate principal amount of our Old 5.875% 2022 Notes, any and all of the \$580,032,000 aggregate principal amount of our Old 2023 Notes (collectively, the "Old Notes"), for an equal principal amount of the corresponding series of our New 2021 Notes, New 5.875% 2022 Notes, New 5.875% 2022 Notes, and New 2023 Notes, each of which have been registered under the Securities Act of 1933, as amended (the "Securities Act") (collectively, the "New Notes"). We refer to the New Notes and the Old Notes collectively as the Notes.

- We will exchange New Notes of each series for any and all of the outstanding Old Notes of the corresponding series that are validly tendered and not validly withdrawn prior to the
 expiration or termination of the applicable exchange offer (each, an "exchange offer" and collectively, the "exchange offers") being made by this prospectus and the related letter of
 transmittal.
- You may withdraw, no later than 5:00 p.m., New York City time, on the expiration date of the applicable exchange offer, any Old Notes that you have tendered in that exchange offer.
- Each exchange offer is subject to certain customary conditions that may be waived by us.
- The terms of each series of New Notes are substantially identical to those of the corresponding series of Old Notes, except that the New Notes are registered under the Securities Act, the transfer restrictions, registration rights and additional interest provisions relating to each series of Old Notes will not apply to the corresponding series of New Notes, and the first interest payment date for and date from which interest will accrue on the New Notes of a particular series may be different from those applicable to the Old Notes of that series. Each series of New Notes will also have a separate CUSIP number from that of the Old Notes of the corresponding series.
- The exchange of Old Notes for New Notes will not be a taxable event for U.S. federal income tax purposes. See "Material United States Federal Income Tax Considerations" for more information.
- We will not receive any proceeds from the exchange offer.
- If you do not exchange your Old Notes for New Notes in the exchange offers, your Old Notes will remain outstanding and will continue to accrue interest but will remain subject to
 restrictions on transfers.

No public market exists for the New Notes or the Old Notes. Neither the New Notes nor the Old Notes will be listed on any securities exchange or included in any quotation system.

Exchanging your outstanding Old Notes for New Notes involves risks, including those described in the "<u>Risk Factors</u>" section beginning on page 17 of this prospectus.

Except where the context indicates otherwise, references to the Notes, include the related Guarantees (as defined herein).

There are no guaranteed delivery procedures available in connection with the exchange offers. Accordingly, holders of Old Notes must deliver or cause their Old Notes and all other required documentation to be delivered to the Exchange Agent in accordance with the procedures described in this prospectus and the letter of transmittal prior to 5:00 p.m., New York City time, on the expiration date for the related exchange offer.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is , 2017.

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You should rely only on the information contained in or incorporated by reference into this prospectus. We have not authorized any person to provide you with different or inconsistent information. If any person provides you with different or inconsistent information, you should not rely on it. We are not making any offer to exchange, nor are we soliciting any offer to tender or exchange, Old Notes for New Notes in any jurisdiction where or to any person to whom the offer or exchange is not permitted. You should assume that the information contained in this prospectus is accurate only as of the date of this prospectus and that the information in any document incorporated or deemed to be incorporated by reference into this prospectus was accurate only as of the date of such document. Our business, financial condition, results of operations and prospects may have changed since those dates.

Neither the Old Notes nor the New Notes have been recommended by any federal, state or foreign securities authorities and they have not determined that this prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

We are not providing you with any legal, business, regulatory, accounting, tax or other advice in this prospectus. You should consult with your own advisors to assist you in making your investment decision and to advise you whether you are legally permitted to exchange your outstanding Old Notes for New Notes in the exchange offers.

This prospectus incorporates important business and financial information about us that is not included in or delivered with this prospectus. We will provide this information to you at no charge upon written or oral request directed to: Range Resources Corporation, 100 Throckmorton Street, Suite 1200, Fort Worth, Texas 76102, Attention: Investor Relations, Telephone: (817) 870-2601.

This prospectus contains descriptions of certain provisions of some of the documents relating to the New Notes and the exchange offers, including each indenture governing the Old Notes of a particular series, which indenture will also govern the New Notes of that series. These summaries are not and do not purport to be complete and are qualified in their entirety by reference to the provisions of such documents, copies of which have been filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part or as exhibits to documents incorporated or deemed to be incorporated by reference herein and which may be obtained as described under "Where You Can Find More Information" and "Incorporation by Reference."

Unless otherwise indicated or the context requires otherwise, references in this prospectus to "our company," "the Company," "we," "us" and "our" and other similar references mean Range Resources Corporation and its consolidated subsidiaries.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated or deemed to be incorporated by reference herein, contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended. In general, all statements other than statements of historical fact are forward-looking statements. Forward-looking statements include statements relating to our plans, strategies, objectives, expectations and intentions and typically contain words such as "may," "anticipates," "believes," "estimates," "plans," "predicts," "targets," "projects," "should," would" or similar words, indicating that future outcomes are uncertain.

Although we believe the expectations reflected in such forward-looking statements are reasonable, such expectations may not occur. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from actual future results expressed or implied by the forward-looking statements. These risks and other factors include:

- conditions in the oil and gas industry, including pricing and supply/demand levels for natural gas, crude oil and natural gas liquids ("NGLs");
- the availability and volatility of securities, capital or credit markets and the cost of capital to fund our operation and business strategy;
- accuracy and fluctuations in our reserves estimates due to regulations or sustained low commodity prices;
- ability to develop existing reserves or acquire new reserves;
- changes in political or economic conditions in our key operating areas;
- prices and availability of goods and services;
- unforeseen hazards such as weather conditions, acts of war or terrorist acts;
- electronic, cyber or physical security breaches;
- the ability and willingness of current or potential lenders, derivative contract counterparties, customers and working interest owners to fulfill their obligations to us or to enter into transactions with us in the future on terms that are acceptable to us; and
- other risks and factors discussed in our Annual Report on Form 10-K for the year ended December 31, 2016, subsequent Quarterly Reports on Form 10-Q, and our Current Reports on Form 8-K.

You are cautioned that the foregoing list of factors is not exclusive. The forward-looking statements speak only as of the date made and, other than as required by law, we do not undertake any obligation to publicly update or revise any of these forward-looking statements after the date they are made, whether as a result of new information, future events or otherwise.

All forward-looking statements, express or implied, included in this prospectus and the documents we incorporate by reference and attributable to us are expressly qualified in their entirety by this cautionary statement. This cautionary statement should also be considered in connection with any subsequent written or oral forward-looking statements that we or persons acting on our behalf may issue.

SUMMARY

This summary highlights information about us, the New Notes being offered by this prospectus and the exchange offers being made hereby. This summary is not complete and does not contain all of the information that you should consider prior to deciding whether or not to exchange your Old Notes for New Notes. For a more complete understanding of our company, the New Notes and the exchange offers being made hereby, we encourage you to read this prospectus and the related letter of transmittal (the "letter of transmittal"), as well as the documents incorporated and deemed to be incorporated by reference into this prospectus, in their entirety.

Overview

Range Resources Corporation is a Fort Worth, Texas-based independent natural gas, NGLs and oil company, engaged in the exploration, development and acquisition of natural gas and oil properties primarily in the Appalachian and North Louisiana regions of the United States. As of December 31, 2016, we had estimated proved reserves of approximately 12.1 Tcfe. For the year ended December 31, 2016, our average production was 1,542.1 Mmcfed, an increase of 11% from 2015.

At year-end 2016, our 12.1 Tcfe of proved reserves had the following characteristics:

- 65% natural gas, 31% NGLs and 4% crude oil;
- 56% proved developed;
- 99% operated;
- 87% of proved reserves are in the Marcellus Shale in Pennsylvania; and
- a reserve life index of approximately 18 years (based on fourth quarter 2016 production).

See the "Glossary of Certain Defined Terms" in our most recent Annual Report on Form 10-K.

Our strategy is to commit to environmental protection and workplace and community safety, concentrate in core operating areas, maintain a multiyear drilling inventory, focus on cost efficiency, maintain a long-life reserve base, market Range's products to a large number of customers in different markets under a variety of commercial terms, maintain operational and financial flexibility and provide employee equity ownership and incentive compensation.

Our principal executive offices are located at 100 Throckmorton Street, Suite 1200, Fort Worth, Texas 76102 (telephone number is (817) 870-2601). Additional information about us is included in documents incorporated by reference into this prospectus. See "Where You Can Find More Information" and "Incorporation By Reference."

Summary Description of the Exchange Offers

The following is a description of some of the terms of the exchange offers. The following information is provided solely for your convenience, is not complete and does not contain all of the information that you need to consider in deciding whether or not to exchange your Old Notes for New Notes. You should read the information appearing in this prospectus under the captions "Risk Factors," "The Exchange Offers," "Description of the New Notes," "Material United States Federal Income Tax Considerations" and "Plan of Distribution," as well as the other information contained in and incorporated by reference into this prospectus and in the letter of transmittal relating to the exchange offers, for additional information concerning the terms of the exchange offers and the New Notes and the risks of investing in the New Notes. As used herein, the term "exchange offers" means the exchange offers being made pursuant to this prospectus and the related letter of transmittal.

For purposes of the information appearing under this caption "Summary Description of the Exchange Offers," references to "Range Resources Corporation," "the Company," "we," "our," "us" and similar references refer only to Range Resources Corporation and not its subsidiaries or any entities that are consolidated with it for financial reporting purposes, unless otherwise expressly stated or the context otherwise requires.

Background; Old Notes	In connection with the completion of certain private exchange offers, in September 2016, we issued \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (the "Old 2021 Notes"), \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (the "Old 5.875% 2022 Notes"), \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (the "Old 5.00% 2022 Notes") and \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 (the "Old 2023 Notes"), each of which series of notes was not registered under the Securities Act, and which, collectively, we refer to in this prospectus as the "Old Notes." In connection with those private exchange offers, on September 16, 2016, we and our subsidiaries that are guarantors of the Old Notes, which subsidiaries we refer to as the "Guarantors," entered into separate registration rights agreements (each a "Registration Rights Agreement" and collectively, the "Registration Rights Agreements"), with the dealer managers for the private exchange offers, with respect to each series of Old Notes. We are making the exchange offers as required by the Registration Rights Agreements.
New Notes Offered	Up to \$2,126,759,000 aggregate principal amount of notes that have been registered under the Securities Act (the "New Notes"), consisting of up to \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (the "New 2021 Notes"), \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (the "New 5.875% 2022 Notes"), \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (the "New 5.00% 2022 Notes") and \$741,531,000 aggregate principal amount of 5.00% Senior Notes are substantially identical to those of the corresponding series of Old Notes, except that the New Notes have been registered under the Securities Act, will not be subject to the transfer restrictions applicable to the Old Notes, will not be entitled to

Exchange Offer

payment of Additional Interest (as defined under "Description of the Registration Rights Agreements"), will not be entitled to registration rights or (subject to possible limited exceptions) other rights under the applicable Registration Rights Agreement, and the first interest payment date for and date from which interest will accrue on New Notes of a series may be different from those applicable to the Old Notes of that series. Each series of New Notes will also have a separate CUSIP number from that of the Old Notes of the corresponding series. We sometimes refer to the New Notes and Old Notes as, collectively, the "Notes" or, individually, a "Note." Except where the context indicates otherwise, references to the Notes, include the related Guarantees.

The Old 2021 Notes were issued and the New 2021 Notes will be issued under an indenture, dated as of September 16, 2016 (the "2021 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors, and U.S. Bank National Association, as trustee (the "Trustee"). The Old 5.875% 2022 Notes were issued and the New 5.875% 2022 Notes will be issued under an indenture, dated as of September 16, 2016 (the "5.875% 2022 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The Old 5.00% 2022 Notes were issued and the New 5.00% 2022 Notes will be issued under an indenture, dated as of September 16, 2016 (the "5.00% 2022 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The Old 2023 Notes were issued and the New 2023 Notes will be issued under an indenture, dated as of September 16, 2016 (the "2023 Notes Indenture") among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. We refer to the 2021 Notes Indenture, the 5.875% 2022 Notes Indenture, the 5.00% 2022 Notes Indenture and the 2023 Notes Indenture collectively, as the "Indentures" and each, an "Indenture") The New Notes of a particular series and any Old Notes of that series that remain outstanding after the related exchange offer will constitute a single series of notes under the Indenture for that series.

On the terms and subject to the conditions set forth herein and in the letter of transmittal, we are offering to issue up to (i) \$475,952,000 aggregate principal amount of New 2021 Notes in exchange for a like aggregate principal amount of Old 2021 Notes, (ii) \$329,244,000 aggregate principal amount of New 5.875% 2022 Notes in exchange for a like aggregate principal amount of Old 5.875% 2022 Notes, (iii) \$580,032,000 aggregate principal amount of New 5.00% 2022 Notes in exchange for a like aggregate principal amount of Old 5.00% 2022 Notes and (iv) \$741,531,000 aggregate principal amount of New 2023 Notes for Old 2023 Notes. In exchange for each \$1,000 aggregate principal amount of Old Notes validly tendered and not validly withdrawn by the holder thereof prior to 5:00 p.m., New York City time, on the expiration date of the related exchange offer and accepted for exchange by us, all on the terms and subject to the

	conditions set forth in the letter of transmittal and this prospectus, the tendering holder will receive \$1,000 aggregate principal amount of the applicable series of New Notes.				
Expiration Date	Each exchange offer will expire at 5:00 p.m., New York City time, on , 2017 (which is the 21st business day following the date of this prospectus), unless extended or terminated in our sole and absolute discretion. The term "expiration date" means , 2017, except that if we, in our sole and absolute discretion, extend the period of time during which an exchange offer is open, "expiration date" shall mean, with respect to that exchange offer, the latest date to which that exchange offer has been extended. For further information, see "The Exchange Offers—Terms of the Exchange Offers; Period for Tendering Old Notes."				
Representations by Tendering Owners	By tendering your Old Notes, you will acknowledge, represent and warrant to and agree with us that, among other things:				
	• you are not our "affiliate" (as defined in Rule 405 under the Securities Act);				
	 any New Notes you receive in the exchange offers will be acquired by you in the ordinary course of your business; 				
	 you have no arrangement or understanding with any person to engage in, and you are not engaged in and do not intend to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act; 				
	 you are not a broker-dealer that will receive New Notes in the exchange offers in exchange for Old Notes that you purchased from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act; and 				
	• if you are a broker-dealer that will receive New Notes for your own account in the exchange offers in exchange for Old Notes that you acquired for your own account as a result of your market-making or other trading activities, you will deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers in connection with any resale of the New Notes you receive. For further information, see "Plan of Distribution."				
	You will be required to make these and other acknowledgements, representations, warranties and agreements in order to tender Old Notes in any exchange offer. For further information, see "The Exchange Offers—Representations by Tendering Owners" and "—Resales of New Notes."				
Conditions to the Exchange Offers	Each exchange offer is subject to certain customary conditions, which we may waive. No exchange offer is conditioned on the completion of				

any other exchange offer. In addition, we may amend the terms of any exchange offer without amending the terms of any other exchange offer. For further information, see "The Exchange Offers—Conditions to the Exchange Offers."

Procedures for Tendering the Old NotesThe Old Notes currently are in book-entry form and represented by global Old Notes (the
"Global Old Notes") registered in the name of The Depository Trust Company ("DTC") or its
nominee. You will not be entitled to receive Old Notes in definitive certificated form
("Certificated Old Notes") in exchange for your beneficial interest in any Global Old Note
except under the limited circumstances described under "Book-Entry, Delivery and Form."
Accordingly, so long as your Old Notes pursuant to DTC's Automated Tender Offer Program
("ATOP") and the other procedures described in this prospectus and in the related letter of
transmittal.

If you wish to tender your Old Notes pursuant to an exchange offer, you must, among other things, deliver or cause to be delivered to the Exchange Agent (as defined below) prior to 5:00 p.m., New York City time, on the expiration date either:

- a properly completed and duly executed letter of transmittal, with any required signature guarantees, together with any other required documentation, all of which must be delivered to the Exchange Agent in the manner and at the address set forth in this prospectus; or
- so long as your Old Notes are in book-entry form, a computer-generated message transmitted by DTC to and received by the Exchange Agent and forming a part of the Book-Entry Confirmation (as defined below) stating that the holder of the Old Notes acknowledges and agrees to be bound by the terms of the letter of transmittal (an "Agent's Message").

In addition, you must also deliver or cause to be delivered to the Exchange Agent prior to 5:00 p.m., New York City time, on the expiration date either:

- so long as your Old Notes are in book-entry form, an electronic confirmation from DTC of the book-entry transfer of your Old Notes into the Exchange Agent's account at DTC (a "Book-Entry Confirmation"); or
- in the event Notes in registered certificated form without coupons ("Certificated Notes") are issued, the Certificated Notes you are tendering, in proper form for transfer and with any required signature guarantees and any other required documentation, all of which must be delivered to the Exchange Agent, together with your signed letter of transmittal and other required documents, in the manner and at the address set forth in this prospectus.

	You may tender any or all of your Old Notes; provided that Old Notes may only be tendered in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof and, if any Old Note is tendered in part, the untendered portion of such Old Note must be a minimum denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof. For further information, see "The Exchange Offers—Procedures for Tendering Old Notes" and "—Book-Entry Transfers."
	If you are the beneficial owner of Old Notes in book-entry form that are held through or registered in the name of a broker, dealer, bank or other financial institution or nominee and you wish to tender those Old Notes in an exchange offer, you must promptly instruct such broker, dealer, bank or other financial institution or nominee, as the case may be, to tender those Old Notes on your behalf prior to the expiration of the applicable exchange offer or, if you are a direct participant in DTC, you may give those instructions directly to DTC. So long as the Old Notes of a particular series are in book-entry form represented by one or more Global Old Notes, this is the only manner in which you will be able to tender your Old Notes of that series.
	If Certificated Old Notes are issued and you are the beneficial owner of Certificated Old Notes that are held through or registered in the name of a broker, dealer, bank or other financial institution or nominee and you wish to tender those Certificated Old Notes in an exchange offer, you must promptly instruct such broker, dealer, bank or other financial institution or nominee, as the case may be, to tender those Certificated Old Notes on your behalf prior to the expiration of the applicable exchange offer or, if you wish to tender those Certificated Old Notes yourself, then, prior to completing and executing the letter of transmittal and delivering your Certificated Old Notes, you must either make appropriate arrangements to register ownership of those Certificated Old Notes in your own name or obtain a properly completed bond power (with any required signature guarantee) from the registered holder of those Certificated Old Notes. The transfer of registered ownership may take considerable time.
Withdrawal; Non-Acceptance	You may withdraw, no later than 5:00 p.m., New York City time, on the expiration date of an exchange offer, any Old Notes that you have tendered in that exchange offer by following the procedures described in this prospectus and the related letter of transmittal. Any Old Notes which have been tendered for exchange but which are withdrawn or otherwise are not exchanged for any reason will be returned to the holders thereof (or, in the case of Old Notes tendered by book-entry transfer, will be credited to the accounts at DTC of the applicable DTC participants) without cost of such holders promptly after withdrawal of such Old Notes or expiration or termination of the exchange offer, as the case may be. For further information, see "The Exchange Offers—Withdrawal Rights."
No Guaranteed Delivery	There are no guaranteed delivery procedures available in connection with the exchange offers. Accordingly, holders of Old Notes must

	deliver or cause their Old Notes and all other required documentation to be delivered to the Exchange Agent in accordance with the procedures described in this prospectus and the letter of transmittal prior to 5:00 p.m., New York City time, on the expiration date for the related exchange offer.			
No Appraisal or Dissenters' Rights	Holders of the Old Notes do not have any appraisal or dissenters' rights in connection with the exchange offers.			
Material United States Federal Income Tax Considerations	The exchange of the Old Notes for New Notes in the exchange offers will not be a taxable event for U.S. federal income tax purposes. For further information regarding some of the U.S. federal tax considerations that you should take into account in deciding whether or not to exchange Old Notes for New Notes, see "Material United States Federal Income Tax Considerations."			
Use of Proceeds	We will not receive any proceeds from the exchange offers.			
Exchange Agent	U.S. Bank National Association is the exchange agent (the "Exchange Agent") for the exchange offers. You can find the address and telephone number of the Exchange Agent under the caption "The Exchange Offers—Exchange Agent."			
Resales of New Notes	Based on interpretations by the staff of the Securities and Exchange Commission (the "SEC") contained in no-action letters issued to third parties, we believe that, except as provided in the next sentence and in the second succeeding paragraph, the New Notes you receive in the exchange offers may be offered for resale, resold or otherwise transferred by you without compliance with the registration and prospectus delivery requirements of the Securities Act unless:			
	(1) you are our "affiliate" (as defined in Rule 405 under the Securities Act);			
	(2) the New Notes you receive in the exchange offers will not be acquired by you in the ordinary course of your business; or			
	(3) you have an arrangement or understanding with any person to engage in, or you are engaged in or intend to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act.			
	However, if you are a broker-dealer holding Old Notes acquired for your own account as a result of market-making or other trading activities and who receives New Notes in exchange for such Old Notes pursuant to any exchange offer (a "participating broker-dealer"), you may be an "underwriter" within the meaning of the Securities Act and you must (and must acknowledge that you will) deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or			

other transfer of such New Notes. However, by so acknowledging and delivering a prospectus, a participating broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. A participating broker-dealer may use this prospectus, as amended or supplemented from time to time, in connection with resales and other transfers of New Notes received for its own account in exchange for such Old Notes in any exchange offer for a period of 180 days (subject to our right to suspend the use of the prospectus under the circumstances described under "Plan of Distribution") after the expiration date of such exchange offer so long as such participating broker-dealer has notified us in the letter of transmittal that it will be using this prospectus for such purpose. For further information, see "Plan of Distribution." If you fall into one or more of categories (1) through (3) of the second preceding paragraph, if you are participating in an exchange offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in that exchange offer, or if you are a broker-dealer that will receive New Notes in an exchange offer in exchange for Old Notes that you acquired from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act. (i) you will not be able to rely on the interpretations of the SEC staff enunciated in the no-action letters mentioned above or in other interpretive letters of similar effect, (ii) you may not tender your Old Notes in the applicable exchange offer, (iii) in the absence of an applicable exemption, you must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any offer, sale or other transfer of Notes, and (iv) any registration statement used in connection with such offer, sale or other transfer of Notes must contain the selling security holder information required by Item 507 of Regulation S-K under the Securities Act. Failure to comply with such registration and prospectus delivery requirements may result in liability under the Securities Act and we will not be responsible for, or indemnify you against, any such liability. **Registration Rights Agreement** When we issued the Old Notes, we and the Guarantors entered into the Registration Rights Agreements pursuant to which we and they agreed, on the terms and subject to the conditions set forth therein, that (1) if, on the fifth business day following September 16, 2017, (i) Old Notes of the applicable series are not freely transferable without volume restrictions by holders that are not "affiliates" of ours in accordance with Rule 144 (or any similar provision then in force) under the Securities Act or otherwise, (ii) Old Notes of that series bear a restricted Securities Act legend or (iii) Old Notes of that series bear a restricted CUSIP number, we will use our commercially reasonable efforts to file with the SEC and cause to become effective a registration statement relating to an offer to exchange the Old Notes of that series for New Notes of the corresponding series or (2) if

applicable interpretations of the staff of the SEC do not permit us to effect such exchange offer or certain other conditions are not satisfied, we will use our commercially reasonable efforts to file and keep effective for a specified period of time a shelf registration with respect to resales of the Old Notes of that series. If we and the Guarantors fail to satisfy certain of our registration obligations under the Registration Rights Agreements, we will be required to pay Additional Interest to holders of the Old Notes of the applicable series (other than any such Old Notes that cease to be Registrable Securities (as defined under "Description of the Registration Rights Agreements")). No Additional Interest will be payable on New Notes of any series. For additional information, see "Description of the Registration Rights Agreements."

Risk Factors

An investment in the New Notes involves risks, and you should carefully consider the matters discussed under "Risk Factors" in this prospectus and in the reports we file with the SEC pursuant to the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are incorporated and deemed to be incorporated by reference into this prospectus and which may be obtained as described below under "Where You Can Find More Information" and "Incorporation by Reference" before making a decision to exchange Old Notes for New Notes.

Consequences of Not Exchanging Old Notes

If you do not exchange your Old Notes for New Notes in the exchange offer, your Old Notes will remain outstanding and will continue to accrue interest but will remain subject to the restrictions on transfer set forth in the applicable Indenture and in the legend on the certificates evidencing the Old Notes, as well as the restrictions on transfer arising under the Securities Act and any other applicable laws, and you will not be entitled to receive any Additional Interest on your Old Notes and will not be entitled (subject to possible limited exceptions) to any registration rights or other rights under the applicable Registration Rights Agreement. In general, you may offer or sell your Old Notes only if:

- they are offered and sold pursuant to a registration statement which is effective under, and otherwise in compliance with the registration and prospectus delivery requirements of, the Securities Act, or
- they are offered and sold under an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act,

subject, in each of the foregoing cases, to compliance with the securities laws of any other applicable jurisdiction and with the procedures specified in the Indenture, including the delivery of any certificate, opinion of counsel or other information that may be required by the applicable Indenture or by us. We do not intend to register the Old Notes under the Securities Act or to make a prospectus available to enable you to sell or otherwise transfer your Old Notes.

In addition, the exchange offers may have a material adverse effect on the market price and liquidity of any Old Notes that remain outstanding following the exchange offers. See "Risk Factors—Risks Related to the Exchange Offers—If you choose not to exchange your Old Notes in the exchange offers, the transfer restrictions currently applicable to your Old Notes will remain in force and the market price and liquidity of your Old Notes may decline."

Summary Description of the New Notes

The following is a description of some of the terms of the New Notes. The following information is provided solely for your convenience, is not complete and does not contain all of the detailed information that you need to consider in deciding whether or not to exchange your Old Notes for New Notes. You should read the information appearing in this prospectus under the captions "Risk Factors," "Description of the New Notes" and "Material United States Federal Income Tax Considerations," as well as the other information contained in and incorporated by reference into this prospectus and in the letter of transmittal relating to the exchange offers, for additional information concerning the terms of the New Notes and the risks of investing in the New Notes.

For purposes of this "Summary Description of the New Notes," section, (i) references to "Range Resources Corporation" "the Company," "we," "our," "us" and similar references refer only to Range Resources Corporation and not its subsidiaries or any entities that are consolidated with it for financial reporting purposes, unless otherwise expressly stated or the context otherwise requires, (ii) the term "Notes" means, collectively, the Old Notes, any Additional Notes (as defined herein), the New Notes and any other Exchange Notes (as defined herein), and references to "each series of Notes," "Notes of each series," "Notes of a series," "Notes of a particular series" and similar references have a correlative meaning, (iii) the term "2021 Notes" means, collectively, the Old 2021 Notes, any Additional 2021 Notes (as defined herein), the New 2021 Notes and any other 2021 Exchange Notes (as defined herein), (iv) the term "5.875% 2022 Notes" means the Old 5.875% 2022 Notes, any Additional 5.875% 2022 Notes (as defined herein), the New 5.875% 2022 Notes and any other 5.875% 2022 Exchange Notes (as defined herein), (v) the term "5.00% 2022 Notes" means the Old 5.00% 2022 Notes, any Additional 5.00% 2022 Notes (as defined herein), the New 5.00% 2022 Exchange Notes (as defined herein) and (vi) the term "2023 Notes" means the Old 2023 Notes, any Additional 2023 Notes (as defined herein), the New 2023 Notes and any other 2023 Exchange Notes (as defined herein). Certain capitalized terms used in this "Summary Description of the New Notes" section are defined under "Description of the New Notes."

Issuer

Range Resources Corporation.

Notes Offered

Up to \$2,126,759,000 aggregate principal amount of notes that have been registered under the Securities Act (the "New Notes"), consisting of:

- up to \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (the "New 2021 Notes");
- up to \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (the "New 5.875% 2022 Notes");
- up to \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (the "New 5.00% 2022 Notes"); and
- up to \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 (the "New 2023 Notes").

Each series of Old Notes was issued under a separate indenture (each, an "Indenture" and collectively, the "Indentures"). Each series of New Notes will be issued under the same Indenture under which the Old Notes of the corresponding series were issued, and the New Notes of a series and any Old Notes of that series that remain outstanding after the related exchange offer is consummated will constitute a single series of debt securities under the related Indenture for all purposes. Any Old Notes that are exchanged for New Notes

	pursuant to the exchange offers will be cancelled and, as a result, the aggregate principal amount of the outstanding Notes of each series will not increase as a result of the exchange offers.
Maturity Dates	New 2021 Notes: June 1, 2021
	New 5.875% 2022 Notes: July 1, 2022
	New 5.00% 2022 Notes: August 15, 2022
	New 2023 Notes: March 15, 2023
Interest Payment Dates	New 2021 Notes: June 1 and December 1 of each year, commencing December 1, 2017
	New 5.875% 2022 Notes: January 1 and July 1 of each year, commencing January 1, 2018
	New 5.00% 2022 Notes: February 15 and August 15 of each year, commencing February 15, 2018
	New 2023 Notes: March 15 and September 15 of each year, commencing March 15, 2018
Optional Redemption	Prior to March 1, 2021, in the case of the 2021 Notes, April 1, 2022, in the case of the 5.875% 2022 Notes, May 15, 2022 in the case of the 5.00% 2022 Notes, and December 15, 2022, in the case of the 2023 Notes, we may, at any time and from time to time, redeem the Notes of the applicable series, in whole or in part, at the make-whole redemption price as described herein under "Description of the New Notes—Optional Redemption." On or after such dates, we may redeem the Notes of each series, in whole or in part and from time to time, at 100% of the principal amount, plus accrued and unpaid interest.
Change of Control	If we experience a change of control (as defined in the Indentures) accompanied by a ratings decline with respect to the Notes of a particular series, we must offer to repurchase the Notes of that series at 101% of their principal amount, plus accrued and unpaid interest. See "Description of the New Notes—Change of Control."
Subsidiary Guarantees	The Old Notes are, and the New Notes will initially be, jointly, severally, fully and unconditionally guaranteed (the "Guarantees") on a senior unsecured basis by all of our material subsidiaries, the "Guarantors", which we refer to under "Description of the New Notes—Guarantees" and "—Certain Covenants—Additional Guarantees."
Ranking	The Old Notes (and the related Guarantees) are, and the New Notes (and the related Guarantees) will be, general senior unsecured

obligations of the Company and the Guarantors, respectively. The Notes and the Guarantees will rank: pari passu in right of payment with all of the senior unsecured indebtedness of the Company and the Guarantors, respectively; effectively junior to any secured indebtedness of the Company and the Guarantors, respectively, including under our bank credit facility, and other secured obligations of the Company and the Guarantors, respectively, to the extent of the value of the assets constituting collateral securing such indebtedness and obligations; senior in right of payment to any of the existing or future subordinated indebtedness of the Company and the Guarantors, respectively, including the Company's existing senior subordinated notes; and structurally subordinated to any indebtedness and other liabilities (other than indebtedness and liabilities owed to the Company or the Guarantors, as the case may be) and any preferred equity (other than any preferred equity held by the Company or the Guarantors, as the case may be) of the subsidiaries of the Company and the subsidiaries of the Guarantors, respectively, that do not guarantee the Notes. Initially, only one of our subsidiaries, which is an immaterial subsidiary, will not guarantee the New Notes. That non-guarantor subsidiary represented less than 1% of our total assets and had no indebtedness as of June 30, 2017. As of June 30, 2017, we had \$3.9 billion total aggregate principal amount of indebtedness outstanding, of which \$954.0 million constituted secured indebtedness. As of June 30, 2017, we had \$954.0 million of borrowings outstanding (before deducting debt issuance costs), \$285.7 million of undrawn letters of credit and \$760.3 million of committed borrowing capacity available under our secured revolving credit facility. Form and Denomination New 2021 Notes: fully registered (non-bearer) form without coupon in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof; New 5.875% 2022 Notes: fully registered (non-bearer) form in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof; New 5.00% 2022 Notes: fully registered (non-bearer) form without coupon in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof; and New 2023 Notes: fully registered (non-bearer) form without coupon in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

DTC Eligibility	The New Notes will be represented by global certificates ("Global New Notes") deposited with, or on behalf of, DTC or its nominee and registered in its name or in the name of its nominee. Beneficial interests in the Global New Notes will be shown on, and transfers will be effected only through, records maintained by DTC or its nominee and such interests may not be exchanged for New Notes in definitive certificated form except under the limited circumstances described under "Description of the New Notes—Book-Entry; Delivery and Form."
Same Day Settlement	Beneficial interest in the New Notes will trade in DTC's same-day funds settlement system until maturity. Therefore, secondary market trading activity in such interests will be settled in immediately available funds.
Certain Covenants	We will issue the New Notes under Indentures which will contain covenants for your benefit. These covenants will restrict our ability, and our restricted subsidiaries' ability, to incur debt secured by liens. These covenants will also restrict our ability to merge or consolidate with, or transfer all or substantially all of our assets to, another entity. These and other covenants that are contained in the Indentures will be subject to important exceptions and qualifications, which are described under "Description of the New Notes."
No Listing of the New Notes	We do not intend to apply to list any of the New Notes on any securities exchange or to have the New Notes quoted on any automated quotation system.
Governing Law	The Indentures, the New Notes and the Guarantees will be governed by the law of the State of New York.
Risk Factors	Investing in the New Notes involves risks. You should carefully consider the risk factors set forth under "Risk Factors" and other information contained or incorporated by reference in this prospectus before deciding to exchange your Old Notes for New Notes. See "Risk Factors" beginning on page 17.
Trustee and Paying Agent	U.S. Bank National Association

RISK FACTORS

Investing in the New Notes involves risks. You should carefully read and consider the risks described below as well as the risks described in the sections entitled "Items 1 and 2. Business and Properties" and "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2016, which is incorporated by reference into this prospectus. You should also carefully read and consider the sections entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in our Annual Report on Form 10-K for the year ended December 31, 2016 and in our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017 and June 30, 2017 and other information contained in the documents incorporated and deemed to be incorporated by reference into this prospectus, including the risks and uncertainties described above under "Cautionary Statement Regarding Forward-Looking Statements" before making a decision to exchange Old Notes for New Notes. Each of these risks could materially and adversely affect our business, financial condition, results of operations, liquidity and prospects and could result in a partial or complete loss of your investment. Certain capitalized terms used in this "Risk Factors" section and not defined previously in this prospectus are defined under the caption "Description of the New Notes."

Risks Related to the Exchange Offer

If you choose not to exchange your Old Notes in the exchange offers, the transfer restrictions currently applicable to your Old Notes will remain in force and the market price and liquidity of your Old Notes may decline.

If you do not exchange your Old Notes for New Notes in the applicable exchange offer, then your Old Notes will remain outstanding and will continue to accrue interest but will remain subject to the transfer restrictions set forth in the Indenture and in the legend on the certificates evidencing the Old Notes, as well as the restrictions on transfer arising under the Securities Act and any other applicable securities laws, and you will not be entitled to receive any Additional Interest on your Old Notes and will not (subject to possible limited exceptions) be entitled to any registration rights or other rights under the Registration Rights Agreement for your Old Notes. In general, you may offer or sell your Old Notes only if:

- they are offered and sold pursuant to a registration statement which is effective under, and otherwise in compliance with the registration and prospectus delivery requirements of, the Securities Act, or
- they are offered and sold under an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act,

subject, in each of the foregoing cases, to compliance with the securities laws of any other applicable jurisdiction and with the procedures specified in the applicable Indenture, including the delivery of any certificate, opinion of counsel or other information that may be required by that Indenture or by us. We do not intend to register the Old Notes under the Securities Act or to make a prospectus available to enable you to sell or otherwise transfer your Old Notes.

Any Old Notes of a particular series exchanged for New Notes of that series in the applicable exchange offer will be cancelled and, as a result, the aggregate principal amount of outstanding Old Notes of that series will be reduced, which may have a material adverse effect on the market price and liquidity of any Old Notes of that series that remain outstanding after that exchange offer and may increase the volatility of the market price of such Old Notes.

You must follow the exchange offer procedures carefully in order to receive the New Notes.

If you do not follow the procedures described in this prospectus and the related letter of transmittal, you will not receive any New Notes. The New Notes will be issued to you in exchange for Old Notes only if you properly tender the Old Notes and deliver all other required documentation (including, in the case of Old Notes tendered

through DTC's ATOP procedures, Agent's Messages, Book-Entry Confirmations and any other documents delivered electronically through the DTC system) to the Exchange Agent in the manner and at the address specified in this prospectus and in the letter of transmittal prior to the expiration of the applicable exchange offer. If you want to tender your Old Notes in exchange for New Notes, you should allow sufficient time to ensure timely delivery. No one is under any obligation to notify you of defects or irregularities with respect to tenders of your Old Notes for exchange or if your Old Notes or any other required documentation are received by the Exchange Agent. If you are the beneficial holder of Old Notes that are held through a broker, dealer, bank or other financial institution or nominee and you wish to tender such Old Notes in any exchange offer, you should promptly contact the entity through which you hold your Old Notes and instruct that entity to tender on your behalf. There are no guaranteed delivery procedures available in connection with any exchange offers. Accordingly, you must deliver your Old Notes and all other required documentation to the Exchange Agent in accordance with the procedures described in this prospectus and the letter of transmittal prior to the expiration of the applicable exchange offer.

Certain persons who participate in the exchange offers must deliver a prospectus in connection with resales of the New Notes.

If you are participating in any exchange offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in that exchange offer, if you are a broker-dealer who will receive New Notes in any exchange offer in exchange for Old Notes that you acquired from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption under the Securities Act, or if you fall into one or more of categories (1) through (3) appearing in the first paragraph under "The Exchange Offers—Resales of New Notes," you will not be permitted to tender your Old Notes in the related exchange offer and, in the absence of an applicable exemption, you must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any offer, sale or other transfer of your Notes. Failure to comply with such registration and prospectus delivery requirements may result in liability under the Securities Act and we will not be responsible for, or indemnify you against, any such liability.

In addition, a broker-dealer that receives New Notes for its own account in any exchange offer in exchange for Old Notes that it acquired for its own account as a result of its market making or other trading activities (a "participating broker-dealer") must deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or other transfer of New Notes received in exchange for such Old Notes in the exchange offer. Although participating broker-dealers (and not any other broker-dealers) are permitted to use this prospectus, as it may be amended or supplemented from time to time, in connection with the resale or other transfer of any such New Notes, they may do so only if they notify us as provided in the letter of transmittal and may only use this prospectus for such purpose for a period of 180 days (subject to our right to suspend use of the prospectus under the circumstances described under "Plan of Distribution") after the expiration date of the applicable exchange offer.

Risks Related to the New Notes

The New Notes will be effectively junior in right of payment to our secured debt and the secured debt of the Guarantors

The New Notes and the related Guarantees are unsecured and therefore will be effectively junior in right of payment to any of our secured debt and the secured debt of the Guarantors, including indebtedness under our bank credit facility, to the extent of the value of assets securing such debt. In the event of a bankruptcy or similar proceeding, the assets that serve as collateral for our secured debt and the secured debt of the Guarantors will be available to satisfy the obligations under the secured debt before any payments are made on the New Notes or the applicable Guarantee, as the case may be.

The Indentures permit us to incur significant secured obligations without equally and ratably securing the applicable series of New Notes. Holders of any of our secured indebtedness or other obligations would have

claims with respect to our assets constituting collateral for such indebtedness and obligations that are prior to your claims under the New Notes. To the extent the value of the collateral is not sufficient to satisfy such indebtedness and obligations, the holders of that indebtedness and those obligations would be entitled to share with the holders of the New Notes and the holders of other claims against us with respect to the remainder of our assets, if any. However, since we may be permitted to pledge all of our assets to secure our indebtedness and other obligations, there may be no assets remaining to satisfy the claims of holders of the New Notes.

As of June 30, 2017, we had \$3.9 billion total aggregate principal amount of indebtedness outstanding, of which \$954.0 million constituted secured indebtedness. As of June 30, 2017, we had \$954.0 million of borrowings outstanding (before deducting debt issuance costs), \$285.7 million of undrawn letters of credit and \$760.3 million of committed borrowing capacity available under our secured revolving credit facility. Our only subsidiary that will not, initially, guarantee the New Notes constituted less than 1% of our total assets and had no indebtedness as of June 30, 2017.

Claims of holders of the New Notes will be structurally subordinated to claims of creditors of any of our existing and future non-guarantor subsidiaries

Initially, only one of our subsidiaries, which is an immaterial subsidiary, will not guarantee the New Notes. That non-guarantor subsidiary represented less than 1% of our total assets and had no indebtedness as of June 30, 2017. In addition, in the future, certain subsidiaries may not be required to be, or may be delayed in becoming, a Guarantor. See "Description of the New Notes—Guarantees" and "Description of the New Notes—Certain Covenants—Future Guarantees." Claims of holders of the New Notes will be structurally subordinated to all of the liabilities of any subsidiaries that do not guarantee the New Notes.

We may not be able to repurchase the New Notes upon a change of control trigger event or an offer to repurchase the New Notes in connection with an asset sale as required by the Indentures

Upon the occurrence of specific types of change of control trigger events, we will be required to offer to repurchase all of the New Notes of each series at a price equal to 101% of the aggregate principal amount of the New Notes repurchased, plus accrued and unpaid interest, up to but not including the date of repurchase. The occurrence of certain of these same change of control events would also obligate us to offer to repurchase any of our outstanding Old 2021 Notes, Old 5.875% 2022 Notes, Old 5.00% 2022 Notes, and Old 2023 Notes that are not validly tendered in connection with the exchange offers. We may not have sufficient funds available to repurchase all of the New Notes of each series tendered pursuant to any such offer and any other indebtedness that would become payable upon a change of control.

Any credit agreements or other debt agreements to which we are or may become a party may restrict our ability to repurchase the New Notes. If we are prohibited from repurchasing the New Notes, we could seek the consent of our then existing lenders to repurchase the New Notes or we could attempt to refinance the borrowings that contain such prohibition. If we are unable to obtain a consent or refinance the debt, we could not repurchase the New Notes. Our failure to repurchase tendered New Notes of each series could constitute a default under the applicable Indenture and might constitute a default under the terms of other indebtedness that we incur. The term "change of control," as defined in "Description of the New Notes—Certain Definitions," is limited to certain specified transactions and may not include other events that might adversely affect our financial condition. Our obligation to repurchase the New Notes of each series upon a change of control triggering event would not necessarily afford holders of notes protection in the event of a highly leveraged transaction, merger or similar transaction involving us.

Your ability to transfer the New Notes may be limited by the absence of a trading market

Each series of New Notes will be new securities for which currently there is no trading market. We do not initially intend to apply for listing of the New Notes of any series on any securities exchange or stock market.

The liquidity of any market for each series of New Notes will depend on the number of holders of those New Notes, the interest of securities dealers in making a market in those New Notes and other factors. Accordingly, we cannot assure you as to the development, maintenance or liquidity of any market for any series of New Notes. If the New Notes of any series are traded after their initial issuance, their future trading prices will depend on many factors, including prevailing interest rates, the market for similar securities, our performance and other factors. Historically, the market for non-investment grade debt has been subject to disruptions that have caused substantial volatility in the prices of securities similar to the New Notes. We cannot assure you that the market, if any, for the New Notes of any series will be free from similar disruptions. Any such disruption may adversely affect the holders of the New Notes. To the extent that an active trading market for the New Notes of any series does not develop, the liquidity and trading prices for such New Notes may be harmed. Thus, you may not be able to liquidate your investment rapidly, and your lenders may not readily accept the New Notes as collateral for loans.

Future trading prices of the New Notes will depend on many factors, including but not limited to:

- our operating performance and financial condition;
- the interest of the securities dealers in making a market in the New Notes; and
- the market for similar securities.

Changes in our credit ratings or the debt markets may adversely affect the market price of the New Notes and our borrowing costs

The price for the New Notes of each series will depend on a number of factors, including but not limited to:

- our credit ratings with major credit rating agencies;
- prevailing market interest rates and interest rates being paid by other companies similar to us;
- our financial condition, operating performance and future prospects;
- market analysts' perception of our company, our prospects and our industry in general; and
- the overall condition of the financial markets and global and domestic economies.

The condition of the financial markets and prevailing interest rates have fluctuated in the past and are likely to fluctuate in the future. Such fluctuations could have an adverse effect on the price of the New Notes. In addition, we expect one or more rating agencies to rate each series of New Notes. If such rating agencies reduce the rating on the New Notes or place the New Notes on watch for a downgrade in the future, the market price of the New Notes may be adversely affected. If any of our other outstanding debt is rated and subsequently downgraded, raising capital may become more difficult, borrowing costs under our credit facilities and other future borrowings may increase and the market price of the New Notes may decrease. The credit rating agencies evaluate the industry in which we operate as a whole and may also change their credit rating for us based on their overall view of such industry.

The guarantee of a Guarantor could be voided if it constitutes a fraudulent transfer under U.S. bankruptcy or similar state law, which would prevent the holders of the New Notes from relying on that Guarantor to satisfy claims

Under U.S. bankruptcy law and comparable provisions of state fraudulent transfer laws, to the extent the New Notes would be guaranteed by a Guarantor, such Guarantor's Guarantee can be voided, or claims under such Guarantee may be further subordinated to all other debts of that Guarantor if, among other things, the Guarantor, at the time it incurred the indebtedness evidenced by its Guarantee or, in some states, when payments

become due under the Guarantee, received less than reasonably equivalent value or fair consideration for the incurrence of the Guarantee and at the time of incurrence:

- was insolvent or rendered insolvent by reason of such incurrence;
- was engaged in a business or transaction for which the Guarantor's remaining assets constituted unreasonably small capital; or
- intended to incur, or believed that it would incur, debts beyond its ability to pay those debts as they mature.

A Guarantor's Guarantee may also be voided, without regard to the above factors, if a court found that the Guarantor entered into the Guarantee with the actual intent to hinder, delay or defraud its creditors.

A court would likely find that a Guarantor did not receive reasonably equivalent value or fair consideration for its Guarantee if the Guarantor did not substantially benefit directly or indirectly from the issuance of the Guarantee. Sufficient funds to repay the New Notes may not be available from other sources, including the remaining Guarantors, if any. In addition, the court might direct you to repay any amounts that you already received from the Guarantor.

Each Guarantee will contain a provision intended to limit the Guarantor's liability to the maximum amount that it could incur without causing the incurrence of obligations under its Guarantee to be a fraudulent transfer. Such provision may not be effective to protect the Guarantees from being voided under fraudulent transfer law.

USE OF PROCEEDS

We will not receive any proceeds from the exchange offers. Any Old Notes that are properly tendered and exchanged pursuant to the exchange offers will be cancelled.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratios of earnings to fixed charges for the periods shown. For this purpose, earnings represent the aggregate of fixed charges and pre-tax income from continuing operations adjusted for undistributed income or loss from equity method investments. Fixed charges represent interest expense, amortization of debt costs and the portion of rental expense representing the interest factor.

	For the six months ended June 30,		For the year ended December 31,				
	2017	2016	2015	2014	2013	2012	
Ratio of earnings to fixed charges	5.2x	*	*	7.0x	1.9x	1.2x	

* Earnings were inadequate to cover fixed charges for the year ended December 31, 2016 by \$802.1 million and for the year ended December 31, 2015 by \$1.0 billion

THE EXCHANGE OFFERS

In connection with the completion of certain private exchange offers, in September 2016, we issued \$475,952,000 aggregate principal amount of Old 2021 Notes, \$329,244,000 aggregate principal amount of Old 5.875% 2022 Notes, \$580,032,000 aggregate principal amount of Old 5.00% 2022 Notes and \$741,531,000 aggregate principal amount of Old 2023 Notes, each of which series of notes was not registered under the Securities Act. The Old Notes may not be reoffered, resold or otherwise transferred except pursuant to a registration statement which is effective under, and otherwise in compliance with the registration and prospectus delivery requirements of, the Securities Act, or under an exemption from, or in a transaction not subject to, the registration and with the procedure specified in the Indentures, including the delivery of any certificate, opinion of counsel or other information that may be required by the Indenture or by us. Accordingly, in connection with the private exchange offers, on September 16, 2016, we and the Guarantors entered into separate Registration Rights Agreements with the dealer managers for the private exchange offers with respect to each series of Old Notes in which we agreed, among other things and on the terms and subject to the conditions set forth therein, that (1) if, on the fifth business day following September 16, 2017, (i) Old Notes of the applicable series are not freely transferable without volume restrictions by holders that are not "affiliates" of ours in accordance with Rule 144 (or any similar provision then in force) under the Securities Act or otherwise, (ii) Old Notes of that series bear a restricted Securities Act legend or (iii) Old Notes of that series bear a restricted Securities Act legend or (iii) Old Notes of that series bear a restricted CUSIP number, we will use our commercially reasonable efforts to file with the SEC and cause to become effective a registration statement relating to an offer to exchange the Old Notes of that series for New Notes of the correspondi

For purposes of the information appearing under this caption "The Exchange Offers," references to "Range Resources Corporation," "the Company," "we," "our," "us" and similar references refer only to Range Resources Corporation and not its subsidiaries or any entities that are consolidated with it for financial reporting purposes, unless otherwise expressly stated or the context otherwise requires.

Terms of the Exchange Offers; Period for Tendering Old Notes

On the terms and subject to the conditions set forth in this prospectus and in the accompanying letter of transmittal, we are offering to issue up to (i) \$475,952,000 aggregate principal amount of New 2021 Notes in exchange for a like aggregate principal amount of Old 2021 Notes, (ii) \$329,244,000 aggregate principal amount of New 5.875% 2022 Notes in exchange for a like aggregate principal amount of Old 5.875% 2022 Notes, (iii) \$580,032,000 aggregate principal amount of New 5.00% 2022 Notes in exchange for a like aggregate principal amount of Old 5.00% 2022 Notes and (iv) \$741,531,000 aggregate principal amount of New 2023 Notes for like aggregate principal amount of Old 2023 Notes. We will accept for exchange Old Notes which are validly tendered and not validly withdrawn prior to 5:00 p.m., New York City time, on the expiration date of the related exchange offer unless we terminate such exchange offer. As used herein, with respect to each exchange offer, the term "expiration date" means , 2017 (which is the 21st business day following the date of this prospectus), except that if we, in our sole and absolute discretion, extend the period of time during which an exchange for each \$1,000 aggregate principal amount of Old Note validly tendered and not validly withdrawn by the holder thereof prior to 5:00 p.m., New York City time, on the expiration date" shall mean, with respect to that exchange offer, the latest date to which that exchange offer has been extended. In exchange for each \$1,000 aggregate principal amount of Old Note validly tendered and not validly withdrawn by the holder thereof prior to 5:00 p.m., New York City time, on the expiration date of the related exchange offer and accepted for exchange by us, all on the terms and subject to the conditions set forth in the letter of transmittal and in this prospectus, the tendering holder will receive \$1,000 aggregate principal amount of the applicable series of New Notes.

As of the date of this prospectus, (i) \$475,952,000 aggregate principal amount of Old 2021 Notes, (ii) \$329,244,000 aggregate principal amount of Old 5.875% 2022 Notes, (iii) \$580,032,000 aggregate principal amount of Old 5.00% 2022 Notes and (iv) \$741,531,000 aggregate principal amount of Old 2023 Notes are

outstanding. This prospectus, together with the letter of transmittal and related documentation, is first being sent on the date hereof to all registered holders of Old Notes whose names appear in the registry books maintained by the registrar for the Old Notes.

We expressly reserve the right, at any time and from time to time in our sole and absolute discretion, to extend the period of time during which any exchange offer is open by giving written notice of such extension to the registered holders of the applicable series of Old Notes as described below, and to delay acceptance for exchange of any Old Notes. During any such extension or delay, all Old Notes previously tendered will remain subject to the applicable exchange offer and may be accepted for exchange by us.

We expressly reserve the right, in our sole and absolute discretion, to amend the terms of any exchange offer and, upon the occurrence of any of the conditions to an exchange offer specified under "—Conditions to the Exchange Offers," to not accept for exchange any of the applicable series of Old Notes and to terminate the applicable exchange offer. We will give prompt notice of any extension of an exchange offer, any such amendment that we determine, in our sole and absolute discretion, to constitute a material change in an exchange offer, and of any such termination to registered holders of the applicable series of Old Notes in such manner as we may elect, which may include, without limitation, by means of a press release or other public announcement or by means of electronic notification through DTC's procedures; provided that, in the case of any extension of an exchange offer, we will give such notice by means of a press release or other public announcement no later than 9:00 a.m., New York City time, on the next business day after the previously scheduled expiration date of the applicable exchange offer.

Procedures for Tendering Old Notes

The tender to us of Old Notes by you as set forth in this prospectus and the letter of transmittal and our acceptance of such Old Notes will constitute a binding agreement between us and you upon the terms and subject to the conditions set forth in this prospectus and in the letter of transmittal.

The Old Notes currently are in book-entry form and represented by Global Old Notes registered in the name of DTC or its nominee. You will not be entitled to receive Certificated Old Notes in exchange for your beneficial interest in any Global Old Note except under the limited circumstances described under "Book-Entry, Delivery and Form." Accordingly, so long as your Old Notes are in book-entry form represented by a Global Old Note, you must tender your Old Notes pursuant to DTC's ATOP procedures and the other procedures described in this prospectus and the related letter of transmittal.

So long as the Old Notes are in book-entry form represented by one or more Global Old Notes, you need not deliver a signed letter of transmittal to the Exchange Agent so long as your Old Notes are tendered in accordance with DTC's ATOP procedures and the Exchange Agent receives an Agent's Message (defined below) prior to 5:00 p.m., New York City time, on the expiration date. In all other cases, a letter of transmittal must be manually executed and delivered as described in this prospectus and the letter of transmittal.

If you wish to tender your Old Notes pursuant to an exchange offer, you must, among other things, deliver or cause to be delivered to the Exchange Agent prior to 5:00 p.m., New York City time, on the expiration date either:

- a properly completed and duly executed letter of transmittal, with any required signature guarantees, together with any other required documentation, all of which must be delivered to the Exchange Agent in the manner and at the address set forth in this prospectus; or
- so long as your Old Notes are in book-entry form, a computer generated message transmitted by DTC to and received by the Exchange Agent and
 forming a part of the Book Entry Confirmation (as defined below) stating that the holder of the Old Notes acknowledges and agrees to be bound
 by the terms of the letter of transmittal (an "Agent's Message").

In addition, you must also deliver or cause to be delivered to the Exchange Agent prior to 5:00 p.m., New York City time, on the expiration date either:

- so long as your Old Notes are in book-entry form, an electronic confirmation from DTC of the book entry transfer of your Old Notes into the Exchange Agent's account at DTC (a "Book-Entry Confirmation"); or
- in the event Certificated Notes are issued, the Certificated Notes you are tendering, in proper form for transfer and with any required signature guarantees and any other required documentation, all of which must be delivered to the Exchange Agent, together with your signed letter of transmittal and other required documents, in the manner and at the address set forth in this prospectus.

You may tender any or all of your Old Notes; provided that Old Notes may only be tendered in minimum denominations of \$2,000 and integral multiples of \$1,000 in excess thereof and, if any Old Note is tendered in part, the untendered portion of such Old Note must be a minimum denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof. For further information, see "—Book-Entry Transfers."

To receive confirmation of a tender of Old Notes, you should contact the Exchange Agent at the telephone number listed under "-Exchange Agent."

If you are the beneficial owner of Old Notes in book-entry form that are held through or registered in the name of a broker, dealer, bank or other financial institution or nominee and you wish to tender those Old Notes in an exchange offer, you must promptly instruct such broker, dealer, bank or other financial institution or nominee, as the case may be, to tender those Old Notes on your behalf prior to the expiration of the applicable exchange offer or, if you are a direct participant in DTC, you may give those instructions directly to DTC. So long as the Old Notes of a particular series are in book-entry form represented by one or more Global Old Notes, this is the only manner in which you will be able to tender your Old Notes of that series.

If Certificated Old Notes are issued and you are the beneficial owner of Certificated Old Notes that are held through or registered in the name of a broker, dealer, bank or other financial institution or nominee and you wish to tender those Certificated Old Notes in an exchange offer, you must promptly instruct such broker, dealer, bank or other financial institution or nominee, as the case may be, to tender those Certificated Old Notes on your behalf prior to the expiration of the exchange offer or, if you wish to tender those Certificated Old Notes yourself, then, prior to completing and executing the letter of transmittal and delivering your Certificated Old Notes, you must either make appropriate arrangements to register ownership of those Certificated Old Notes in your own name or obtain a properly completed bond power (with any required signature guarantee) from the registered holder of those Certificated Old Notes. The transfer of registered ownership may take considerable time.

If a holder completing a letter of transmittal tenders less than all of the Old Notes held by such holder, the tendering holder should indicate the aggregate principal amount of Old Notes it is tendering by filling in the applicable box of the letter of transmittal. All Old Notes delivered to the Exchange Agent will be deemed to have been tendered unless otherwise indicated.

The method of delivery (whether physical or electronic) of Old Notes, letters of transmittal, Agent's Messages, Book-Entry Confirmations and all other required documents is at your risk and election, provided that Old Notes in book-entry form must be tendered through DTC's ATOP procedures. If such delivery is by mail, it is recommended that you use registered mail, properly insured, with return receipt requested. In all cases, you should allow sufficient time to insure delivery to the Exchange Agent before 5:00 p.m., New York City time, on the expiration date. You may request the broker, dealer, bank or other financial institution or nominee through which you may hold Old Notes to effect these transactions for you. No letter of transmittal, Old Notes or other documents should be sent to us.

Signatures on a letter of transmittal or a notice of withdrawal, as the case may be, must be guaranteed unless the Old Notes surrendered for exchange are tendered:

- by a holder of the Old Notes who has not completed the box entitled "Special Issuance Instructions" or "Special Delivery Instructions" on the letter of transmittal, or
- for the account of an Eligible Institution (as defined below).

In the event that signatures on a letter of transmittal or a notice of withdrawal are required to be guaranteed, such guarantees must be by a firm which is a member of the Securities Transfer Agent Medallion Program, the Stock Exchanges Medallion Program or the New York Stock Exchange Medallion Program (each such entity being hereinafter referred to as an "Eligible Institution").

When a letter of transmittal is signed by the registered holder or holders of the Old Notes being tendered, no endorsements of the certificates evidencing such Old Notes or separate bond powers are required. If, however, the New Notes are to be issued, or any untendered Old Notes are to be reissued, in the name of a person other than such registered holder or holders, then such certificates must be endorsed or accompanied by appropriate bond powers (satisfactory to the Company and the Exchange Agent in their sole and absolute discretion), in each case signed exactly as the name or names of the registered holder or holders, as the case may be, appear on the applicable certificates and the signatures on such certificates or bond powers, as the case may be, must be guaranteed by an Eligible Institution.

If a letter of transmittal is signed by a person or persons other than the registered holder or holders, as the case may be, of the certificates evidencing the Old Notes being tendered, such certificates must be endorsed or accompanied by appropriate bond powers (satisfactory to the Company and the Exchange Agent in their sole and absolute discretion), in each case signed exactly as the name or names of the registered holder or holders, as the case may be, appear on the applicable certificates and the signatures on such certificates or bond powers, as the case may be, must be guaranteed by an Eligible Institution.

We in our sole and absolute discretion will make a final and binding determination on all questions as to the validity, form, eligibility (including time of receipt) and acceptance of Old Notes tendered for exchange. We reserve the absolute right to reject any and all tenders of any Old Notes not properly tendered and to not accept any Old Notes which acceptance might, in our judgment or our counsel's, be unlawful. We also reserve the right, in our sole and absolute discretion, to waive any defects or irregularities or conditions of any exchange offer as to any Old Notes either before or after the expiration of the applicable exchange offer (including the right to waive the ineligibility of any holder or beneficial owner who seeks to tender Old Notes in an exchange offer). Our interpretation of the terms and conditions of an exchange offer (including the letter of transmittal and instructions thereto) as to any particular tender of Old Notes or holder or beneficial owner thereof either before or after the expiration of the applicable exchange offer will be final and binding on all parties. Unless waived, any defects or irregularities in connection with tenders of Old Notes for exchange must be cured within a reasonable period of time, as we in our sole and absolute discretion may determine. We are not, nor is the Exchange Agent or any other person, under any duty to notify you or any other person of any defect or irregularity with respect to your tender of Old Notes for exchange, or if any Old Notes, letters of transmittal Agent's Messages, Book-Entry Confirmations or other documents are or are not received by the Exchange Agent, and no one will be liable for failing to provide such notification.

If any letter of transmittal, Old Note, bond powers or other instruments of transfer or other documents are signed by or on behalf of trustees, executors, administrators, guardians, attorneys-in-fact, officers of corporations or others acting in a fiduciary or representative capacity, such persons should so indicate when signing. Unless waived by us or the Exchange Agent, proper evidence satisfactory to us and the Exchange Agent of their authority to so act must be submitted with the letter of transmittal.

Representations by Tendering Owners

By tendering Old Notes, you will acknowledge, represent and warrant to and agree with us that, among other things, (i) you are not our "affiliate" (as defined in Rule 405 under the Securities Act), (ii) any New Notes you receive in any exchange offer will be acquired by you in the ordinary course of your business, (iii) you have no arrangement or understanding with any person to engage in, and you are not engaged in and do not intend to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act, (iv) you are not a broker-dealer that will receive New Notes in any exchange offer in exchange for Old Notes that you purchased from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act, and (v) if you are a broker-dealer holding Old Notes acquired for your own account as a result of your market making or other trading activities (a "participating broker-dealer"), you will deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or other transfer of the New Notes you receive in exchange for such Old Notes pursuant to any exchange offer (provided, however, by so acknowledging and by delivering (or making available as aforesaid) a prospectus, you will not be deemed to admit that you are an "underwriter" within the meaning of the Securities Act). For additional information, see "—Resales of New Notes" and "Plan of Distribution" below.

By tendering Old Notes, you will also acknowledge, represent and warrant to and agree with us that you have full right, power and authority to tender, sell, assign and transfer all right, title and interest in and to the Old Notes tendered and to acquire New Notes issuable upon the exchange of such tendered Old Notes and that, if and when such Old Notes are validly tendered and accepted by us for exchange, we will acquire good and unencumbered title thereto, free and clear of all liens, restrictions, charges and encumbrances and not subject to any adverse claim.

If you are unable to make these and other acknowledgements, representations, warranties and agreements in the letter of transmittal, or if you are participating in an exchange offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in the exchange offer, or if you are a broker-dealer that will receive New Notes in the exchange offer in exchange for Old Notes that you acquired from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption from Registration under the Securities Act, you will not be permitted to exchange your Old Notes in the exchange offer and you will be subject to other consequences described below under "—Resales of New Notes."

Acceptance of Old Notes for Exchange; Delivery of New Notes

Upon satisfaction or waiver of all of the conditions to an exchange offer, we will accept, promptly after the expiration of such exchange offer, all Old Notes validly tendered and not validly withdrawn and, promptly after acceptance of the Old Notes, we will issue New Notes in an aggregate principal amount equal to the aggregate principal amount of Old Notes so accepted. See "—Conditions to the Exchange Offers." For purposes of the exchange offers, we will be deemed to have accepted validly tendered Old Notes for exchange if and when we give oral (confirmed in writing) or written notice to the Exchange Agent.

A holder of Old Notes accepted for exchange will receive New Notes in an aggregate principal amount equal to the aggregate principal amount of such Old Notes. Persons who are the registered holders of the New Notes at the close of business on the record date for the first interest payment date following the consummation of the applicable exchange offer will be entitled to receive interest accrued on the New Notes from and including the most recent date to which interest has been paid on the Old Notes (or, if no interest has been paid on the Old Notes, from and including September 16, 2016) to but excluding such interest payment date; provided that, notwithstanding the foregoing, if such record date occurs prior to the consummation of the applicable exchange offer, then the interest payable on the first interest payment date following the consummation of the applicable exchange offer will instead be paid to the persons who were the registered holders of the Old Notes that were exchanged for such New Notes at the close of business on such record date. Interest will cease to accrue on Old

Notes that are exchanged for New Notes pursuant to the exchange offers and holders and beneficial owners of Old Notes will not be entitled to receive any payments in respect of accrued and unpaid interest on Old Notes that are exchanged for New Notes except as described in the immediately preceding sentence.

In all cases, issuance of New Notes for Old Notes that are accepted for exchange will be made only after timely receipt by the Exchange Agent of:

- certificates for such Old Notes or a Book-Entry Confirmation of the transfer of such Old Notes into the Exchange Agent's account at DTC,
- a properly completed and duly executed letter of transmittal (with the signature on such letter of transmittal guaranteed by an Eligible Institution if the letter of transmittal so requires) or an Agent's Message in lieu thereof, and
- all other required documents.

Any Old Notes which have been tendered for exchange but which are not exchanged for any reason (including, without limitation, because the tender of those Old Notes has been properly withdrawn, because we do not accept those Old Notes for exchange or terminate the related exchange offer, or if the tendering holders properly indicate that only a portion of the Old Notes being tendered are to be exchanged for New Notes), such Old Notes will be returned to the holders thereof (or, in the case of Old Notes tendered by book-entry transfer, will be credited to the accounts at DTC of the applicable DTC participants), unless any such holders completed the box entitled "Special Delivery Instructions" in the letter of transmittal, in which case such Old Notes shall be returned to the person specified in such instructions, without cost to such holders, promptly after withdrawal of such Old Notes or expiration or termination of the applicable exchange offer, as the case may be.

Book-Entry Transfers

For purposes of the exchange offers, the Exchange Agent will request that accounts be established with respect to each series of Old Notes at DTC, unless the Exchange Agent has already established an account with DTC suitable for each exchange offer. Any financial institution that is a direct participant in DTC (a "participant") may make book-entry delivery of Old Notes by causing DTC to transfer such Old Notes into the Exchange Agent's account at DTC in accordance with DTC's procedures for transfer and by causing DTC to deliver an Agent's Message and a Book-Entry Confirmation complying with the terms of the applicable exchange offer to the Exchange Agent through DTC.

Any DTC participant wishing to tender Old Notes in an exchange offer (whether on its own behalf or on behalf of the beneficial owner of Old Notes) should transmit its acceptance to DTC sufficiently far in advance of the expiration of the applicable exchange offer so as to permit DTC to take the following actions prior to 5:00 p.m., New York City time, on the expiration date. DTC will verify such acceptance, execute a book-entry transfer of the tendered Old Notes into the Exchange Agent's account at DTC and then send to the Exchange Agent a Book-Entry Confirmation of such book-entry transfer. The Book-Entry Confirmation of such book-entry transfer will include an Agent's Message confirming that such DTC participant acknowledges and agrees (on behalf of itself and on behalf of any beneficial owner of the applicable Old Notes) to be bound by the letter of transmittal. All of the foregoing, together with any other required documents, must be delivered to and received by the Exchange Agent prior to 5:00 p.m., New York City time, on the expiration date.

Withdrawal Rights

You may withdraw, no later than 5:00 p.m., New York City time, on the expiration date of an exchange offer, any Old Notes that you have tendered in that exchange offer. For a withdrawal of tendered Old Notes to be effective, the Exchange Agent must receive, in the case of Old Notes tendered pursuant to DTC's ATOP procedures, an electronic notice of withdrawal transmitted by DTC on behalf of the DTC participant that

tendered such Old Notes or, in the case of Certificated Old Notes, if any, tendered by physical delivery, a written (which may be given by letter or telegram) or facsimile notice of withdrawal at the address or facsimile number set forth below under "—Exchange Agent," in each case no later than 5:00 p.m., New York City time, on the expiration date. The notice of withdrawal must:

- specify the name of the person having tendered the Old Notes to be withdrawn and, if different, the name of the registered holder of such Old Notes (or, in the case of Old Notes tendered by book-entry transfer, the name and DTC account number of the DTC participant that tendered such Old Notes)
- identify the Old Notes to be withdrawn (including the CUSIP numbers and, in the case of Certificated Old Notes, the certificate numbers thereof) and principal amount of such Old Notes,
- in the case of Old Notes tendered through DTC's ATOP procedures, specify the name and account number at DTC to which your withdrawn Old Notes should be credited,
- in the case of Certificated Old Notes physically delivered to the Exchange Agent, be signed by the same person and in the same manner as the letter of transmittal, including any signature guarantees (or, in the case of Old Notes tendered by book-entry transfer, be signed by or transmitted on behalf of the same DTC participant that tendered such Old Notes), or be accompanied by evidence satisfactory to us and the Exchange Agent that the person withdrawing the tender has succeeded to the beneficial ownership of those Old Notes,
- contain a statement that the holder is withdrawing its election to have the Old Notes exchanged, and
- if the letter of transmittal was executed by a person other than the registered holder, be accompanied by a properly completed irrevocable proxy authorizing such person to effect such withdrawal on behalf of such registered holder.

The signature on a notice of withdrawal must be guaranteed by an Eligible Institution unless the applicable Old Notes were tendered by an Eligible Institution and the notice of withdrawal is being signed by the same Eligible Institution, and the signature on any such irrevocable proxy must be guaranteed by an Eligible Institution unless the signatory to such proxy is an Eligible Institution.

Properly withdrawn Old Notes may be retendered by following the procedures described under "—Procedures for Tendering Old Notes" above and in the letter of transmittal at any time prior to 5:00 p.m., New York City time, on the expiration date.

All questions as to the validity, form and eligibility (including time of receipt) of such notices of withdrawal and all other documents submitted and procedures followed in connection therewith will be determined by us in our sole and absolute discretion (which power may be delegated to the Exchange Agent), which determination shall be final and binding on all parties. Any Old Notes so withdrawn will be deemed not to have been validly tendered for exchange for purposes of the exchange offer and no New Notes will be issued with respect thereto unless the Old Notes so withdrawn are validly retendered and not validly withdrawn and are accepted by us.

Conditions to the Exchange Offers

Notwithstanding any other term of such exchange offer, we will not be required to accept for exchange, or issue any New Notes for, any Old Notes, and may terminate or amend an exchange offer before the acceptance of the Old Notes, if we determine that such exchange offer violates any applicable law or applicable interpretation of the staff of the SEC.

The foregoing conditions are for our sole benefit and may be asserted by us regardless of the circumstances giving rise to any condition and any or all such conditions may be waived by us at any time or from time to time in our sole and absolute discretion. Our failure at any time to exercise any of the foregoing rights will not be deemed a waiver of any such right and each such right will be deemed an ongoing right which may be asserted at any time.

In addition, we will not accept for exchange any Old Notes tendered, and no New Notes will be issued in exchange for any such Old Notes, if at such time any stop order suspending the effectiveness of the registration statement of which this prospectus is a part is threatened or in effect. In any such event, we must use commercially reasonable efforts to obtain the withdrawal of such stop order.

No exchange offer is conditioned on the completion of any other exchange offer. In addition, we may amend the terms of any exchange offer without amending the terms of any other exchange offer.

No Guaranteed Delivery

There are no guaranteed delivery procedures available in connection with the exchange offers. Accordingly, holders of Old Notes must deliver or cause to be delivered their Old Notes and all other required documentation to the Exchange Agent in accordance with the procedures described in this prospectus and the letter of transmittal prior to 5:00 p.m., New York City time, on the expiration date.

No Appraisal or Dissenters' Rights

Holders of the Old Notes do not have any appraisal or dissenters' rights in connection with the exchange offers.

Exchange Agent

We have appointed U.S. Bank National Association as the Exchange Agent for the exchange offers. All executed letters of transmittal, Certificated Old Notes (if any), and other documents must be delivered to the address or the facsimile number set forth below, except that Old Notes in book-entry form, Book-Entry Confirmations, Agent's Messages, notices of withdrawal given through ATOP procedures and other electronic messages delivered through DTC must be delivered to the Exchange Agent through DTC's systems and procedures. Questions, requests for assistance, requests for additional copies of this prospectus or of the letter of transmittal should be directed to the Exchange Agent addressed as follows:

By Hand, Overnight Delivery or Mail (Registered or Certified Mail Recommended): U.S. Bank National Association Corporate Trust Services Attention: Specialized Finance Department 111 Fillmore Avenue East St. Paul, Minnesota 55107 By Facsimile Transmission: (651) 466-7372 Attention: Specialized Finance Department

To confirm receipt or for more information, call: (800) 934-6802

DELIVERY OF A LETTER OF TRANSMITTAL, NOTICE OF WITHDRAWAL, CERTIFICATED NOTES (IF ANY) AND OTHER DOCUMENTS TO AN ADDRESS OR BY FACSIMILE TRANSMISSION TO A FACSIMILE NUMBER OTHER THAN AS SHOWN ABOVE, AND ELECTRONIC DELIVERY OF OLD NOTES IN BOOK-ENTRY FORM, BOOK-ENTRY CONFIRMATIONS, AGENT'S MESSAGES, NOTICES OF WITHDRAWAL GIVEN THROUGH THE ATOP PROCEDURES AND OTHER ELECTRONIC DOCUMENTS TRANSMITTED TO THE EXCHANGE AGENT OTHER THAN THROUGH DTC'S SYSTEMS AND PROCEDURES, DOES NOT CONSTITUTE A VALID DELIVERY.

Fees and Expenses

We will pay the Exchange Agent's reasonable and customary fees for its services, reimburse the Exchange Agent for its reasonable out-of-pocket expenses incurred in connection with the provision of these services and

generally pay other registration expenses, including fees and expenses of the Trustee under the Indenture, SEC filing fees, and printing and distribution expenses. We will not pay any discounts, fees or commissions, or make any other payments, to brokers, dealers or others soliciting acceptances of any exchange offer. We will, however, upon written request, reimburse brokers, dealers, commercial banks, trust companies and other nominees for their reasonable and documented out-of-pocket expenses incurred in mailing copies of this prospectus, the letter of transmittal and any related documents to beneficial owners of Old Notes.

Additional solicitation may be made by telephone, facsimile or in person by our and our affiliates' officers and employees and by persons so engaged by us.

Transfer Taxes

We will pay all transfer taxes, if any, applicable to the transfer of Old Notes to us or upon our order pursuant to the exchange offers. If, however, New Notes and/or Old Notes not exchanged are to be delivered to, or are to be registered or issued in the name of, any person other than the registered holder of the tendered Old Notes, if tendered Old Notes are registered in the name of any person other than the person signing the letter of transmittal, or if a transfer tax is imposed for any reason other than the transfer of Old Notes to us or upon our order pursuant to the exchange offers, the amount of any such transfer taxes (whether imposed on the registered holder or any other persons) will be payable by the tendering holder. If satisfactory evidence of the payment of such taxes or an exemption therefrom is not submitted to the Exchange Act with the delivery of the applicable letter of transmittal to the Exchange Agent or, in the case of Old Notes in book-entry form, contemporaneously with the tender of such Old Notes, the amount of such transfer taxes will be billed to such tendering holder or we may refuse to accept the Old Notes tendered by such holder.

Accounting Treatment

We will record the New Notes at the same carrying value as the Old Notes, as reflected in our accounting records on the date of the exchange. Accordingly, we will not recognize any gain or loss for accounting purposes. The expenses of the exchange offers will be amortized over the term of the New Notes.

Consequences of Not Exchanging Old Notes

If you do not exchange your Old Notes for New Notes in an exchange offer, your Old Notes will remain outstanding and will continue to accrue interest but will remain subject to the restrictions on transfer set forth in the applicable Indenture and in the legend on the certificates evidencing the Old Notes, as well as the restrictions on transfer arising under the Securities Act and any other applicable laws, and you will not be entitled to receive any Additional Interest on your Old Notes and will not be entitled to any registration rights or (subject to possible limited exceptions) other rights under the applicable Registration Rights Agreement. In general, you may offer or sell your Old Notes only if:

- they are offered and sold pursuant to a registration statement which is effective under, and otherwise in compliance with the registration and prospectus delivery requirements of, the Securities Act, or
- they are offered and sold pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act,

subject, in each of the foregoing cases, in compliance with the securities laws of any other applicable jurisdiction and with the procedures specified in the applicable Indenture, including the delivery of any certificate, opinion of counsel or other information that may be required by the Indenture or by us. We do not intend to register the Old Notes under the Securities Act or to make a prospectus available to enable you to sell or otherwise transfer your Old Notes.

In addition, the exchange offers may have a material adverse effect on the market price and liquidity of any Old Notes that remain outstanding following the exchange offers. See "Risk Factors—Risks Related to the

Exchange Offers—If you choose not to exchange your Old Notes in the exchange offers, the transfer restrictions currently applicable to your Old Notes will remain in force and the market price and liquidity of your Old Notes may decline."

Resales of New Notes

Based on interpretations by the staff of the SEC contained in no-action letters issued to third parties (for example, *Exxon Capital Holdings Corporation* (May 13, 1988), *Morgan Stanley & Co. Incorporated* (June 5, 1991) and *Shearman & Sterling* (July 2, 1993)), we believe that, except as provided in the next sentence and in the second succeeding paragraph, the New Notes you receive in the exchange offers may be offered for resale, resold or otherwise transferred by you without compliance with the registration and prospectus delivery requirements of the Securities Act unless:

- (1) you are our "affiliate" (as defined in Rule 405 under the Securities Act);
- (2) the New Notes you receive in the exchange offers will not be acquired by you in the ordinary course of your business; or
- (3) you have an arrangement or understanding with any person to engage in, or you are engaged in or intend to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act.

However, if you are a broker-dealer holding Old Notes acquired for your own account as a result of market-making or other trading activities and who receives New Notes in exchange for such Old Notes pursuant to an exchange offer (a "participating broker-dealer"), you may be an "underwriter" within the meaning of the Securities Act and you must (and must acknowledge and agree that you will) deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or other transfer of such New Notes. However, by so acknowledging and delivering a prospectus, a participating broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. A participating broker-dealer may use this prospectus, as amended or supplemented from time to time, in connection with resales or other transfers of New Notes received for its own account in an exchange offer in exchange for Old Notes that it acquired for its own account as a result of market-making or other trading activities for a period of 180 days (subject to our right to suspend use of this prospectus under the circumstances described under "Plan of Distribution") after the expiration date of the applicable exchange offer so long as such participating broker-dealer has notified us by delivering a fully completed and executed letter of transmittal to the Exchange Agent at the address set forth above under "— Exchange Agent" prior to 5:00 p.m., New York City time, on the expiration date in which such broker-dealer indicates, by checking the appropriate box, that it will be using this prospectus for such purpose. For further information, see "Plan of Distribution."

If you fall into one or more of the categories set forth in clauses (1) through (3) of the second preceding paragraph, if you are participating in an exchange offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in the exchange offer, or if you are a broker-dealer that will receive New Notes in an exchange offer in exchange for Old Notes that you acquired from us for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act, (i) you will not be able to rely on the interpretations of the SEC staff enunciated in the no-action letters mentioned above or in other interpretive letters of similar effect, (ii) you will not be permitted to tender your Old Notes in any exchange offer, (iii) in the absence of an applicable exemption, you must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any offer, sale or other transfer of Notes, and (iv) any registration statement used in connection with such offer, sale or other transfer of Notes must contain the selling security holder information required by Item 507 of Regulation S-K under the Securities Act. Failure to comply with such registration and prospectus delivery requirements may result in liability under the Securities Act and we will not be responsible for, or indemnify you against, any such

liability. Each broker-dealer that receives New Notes for its own account pursuant to an exchange offer will be deemed to acknowledge and agree that it will deliver (or, to the extent permitted by applicable law, make available) to purchasers and other transferees a prospectus meeting the requirements of the Securities Act in connection with any resale or other transfer of New Notes received in the exchange offer as aforesaid, but only participating broker-dealers will be entitled, subject to the limitations described above, to use this prospectus, as amended or supplemented from time to time, in connection with resales or other transfers of New Notes received in any exchange offer.

We do not intend to request the SEC to consider, and the SEC has not considered, the exchange offers in the context of a similar no-action letter. As a result, we cannot guarantee that the staff of the SEC would make a similar determination with respect to the exchange offers as in the circumstances described in the no action letters referred to above.

DESCRIPTION OF THE NEW NOTES

The Old 2021 Notes were issued, and the New 2021 Notes will be issued, under an indenture, dated as of September 16, 2016 (the "2021 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors, and U.S. Bank National Association, as trustee (the "Trustee"). The Old 5.875% 2022 Notes were issued, and the New 5.875% 2022 Notes will be issued, under an indenture, dated as of September 16, 2016 (the "5.875% 2022 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The Old 5.00% 2022 Notes were issued, and the New 5.00% 2022 Notes will be issued, under an indenture, dated as of September 16, 2016 (the "2023 Notes are issued, and the New 5.00% 2022 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The Old 2023 Notes were issued, and the New 2023 Notes Indenture"), among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The Old 2023 Notes were issued, and the New 2023 Notes will be issued, under an indenture, dated as of September 16, 2016 (the "2023 Notes Indenture" and, together with the 2021 Notes Indenture, the 5.875% 2022 Notes Indenture and the 5.00% 2022 Notes Indenture, the "Indentures" and each an "Indenture") among us, as issuer, the guarantors party thereto, as guarantors and the Trustee. The terms of each series of Notes include those stated in the Indenture for such series, as well as those made part of such Indenture by reference to the Trust Indenture Act of 1939, as amended (the "Trust Indenture Act").

The following description is only a summary of certain material provisions of the Notes and the Indentures and is subject to, and is qualified in its entirety by reference to, the Notes and the Indentures. For more information, we refer you to the Indentures (which include the forms of the Notes), of which you may request copies at our address set forth under the heading "Where You Can Find More Information." Defined terms used but not otherwise defined in this section shall have the meanings assigned to such terms in the Indentures.

For purposes of this "Description of the New Notes" section, (i) the terms "the Company," "we," "our," "us" and similar references refer only to Range Resources Corporation and not to any of its subsidiaries or any entities that are consolidated with it for financial reporting purposes, (ii) the term "2021 Notes" means the Company's 5.75% Senior Notes due 2021 (including, for the avoidance of doubt, the Old 2021 Notes, any Additional 2021 Notes (as defined herein), the New 2021 Notes and any other 2021 Exchange Notes (as defined herein) issued under the 2021 Notes Indenture, unless the context otherwise requires), (iii) the term "5.875% 2022 Notes" means the Company's 5.875% Senior Notes due 2022 (including, for the avoidance of doubt, the Old 5.875% 2022 Notes, any Additional 5.875% 2022 Notes (as defined herein), the New 5.875% 2022 Notes and any other 5.875% 2022 Notes (as defined herein), the New 5.875% 2022 Notes and any other 5.00% 2022 Notes indenture, unless the context otherwise requires), (iv) the term "5.00% 2022 Notes (as defined herein), the New 5.00% 2022 Notes and any other 5.00% 2022 Exchange Notes (as defined herein) issued under the 5.00% 2022 Notes and any other 5.00% 2022 Exchange Notes (as defined herein) issued under the 5.00% 2022 Notes (as defined herein), the New 5.00% 2022 Notes and any other 5.00% 2022 Exchange Notes (as defined herein) issued under the 5.00% 2022 Notes (as defined herein), the New 5.00% Senior Notes due 2023 (including, for the avoidance of doubt, the Old 2023 Notes, any Additional 2023 Notes (as defined herein), the New 2023 Notes and any other 2023 Notes (as defined herein) issued under the 2.00% 2022 Notes (as defined herein), the New 2023 Notes and any other 2023 Exchange Notes (as defined herein) issued under the 2.00% 2022 Notes, any Additional 2.00% 2022 Notes, any Additional 5.00% 2022 Notes and any other 2.00% 2022 Notes (as defined herein) issued under the 2.003 Notes (as defined herein), the New 2023 Notes and any other 2023 Exchange Notes (as defined here

General

The New Notes will be unsecured senior obligations of the Company and will be guaranteed by the Guarantors on a senior unsecured basis as described below under "—Guarantees." The Notes and the Guarantees will rank *pari passu* in right of payment with all senior indebtedness of the Company and the Guarantors, respectively. The Notes and the Guarantees will effectively rank junior to any secured indebtedness of the Company and the Guarantors, respectively, including under the Credit Agreement, and other secured obligations of the Company and the Guarantors, respectively, to the extent of the value of the collateral therefor. The Notes and the Guarantees will rank senior in right of payment to any of the existing or future subordinated indebtedness

of the Company and the Guarantors, respectively, including the Company's existing senior subordinated notes. The Notes and the Guarantees will be structurally subordinated to any indebtedness and other liabilities (other than indebtedness and liabilities owed to the Company or the Guarantors, as the case may be) and any preferred equity (other than any preferred equity held by the Company or the Guarantors, as the case may be) of the Subsidiaries of the Company and the Subsidiaries of the Guarantors, respectively, that do not guarantee the Notes.

In connection with the completion of the exchange offers, we will initially issue up to (i) \$475,952,000 aggregate principal amount of New 2021 Notes in exchange for a like aggregate principal amount of Old 2021 Notes, (ii) \$329,244,000 aggregate principal amount of New 5.875% 2022 Notes in exchange for a like aggregate principal amount of Old 5.875% 2022 Notes, (iii) \$580,032,000 aggregate principal amount of New 5.00% 2022 Notes in exchange for a like aggregate principal amount of Old 5.00% 2022 Notes and (iv) \$741,531,000 aggregate principal amount of New 2023 Notes in exchange for a like aggregate principal amount of Old 2023 Notes. Any Old Notes that are exchanged for New Notes pursuant to the exchange offers will be cancelled and, as a result, the aggregate principal amount of the outstanding Notes of each series will not increase as a result of the exchange offers. We may from time to time, without notice or the consent of the Holders of a series of Notes, issue additional debt securities under the applicable Indenture having the same terms as the Old Notes and the New Notes of a particular series (except for issue dates and, in certain cases, interest accrual dates, issue prices, first interest payment date and terms relating to restrictions on transfer or registration rights); provided, however, that if such additional debt securities are not fungible with the Old Notes of such series for U.S. federal income tax purposes, such additional debt securities will have a different CUSIP number from such Old Notes. We refer to any such additional debt securities, other than Exchange Notes (as defined herein), as "Additional 2021 Notes" (in the case of the Old 2021 Notes and the New 2021 Notes), "Additional 5.875% 2022 Notes" (in the case of the Old 5.875% 2022 Notes and the New 5.875% 2022 Notes), "Additional 5.00% 2022 Notes" (in the case of the Old 5.00% 2022 Notes) and "Additional 2023 Notes" (in the case of the Old 2023 Notes and the New 2023 Notes), and collectively, as the "Additional Notes." Any Additional Notes of a series will form a single series of debt securities with the Old Notes, the New Notes and any other Exchange Notes of such series under the related Indenture and have the same terms as to status, redemption or otherwise as the Old Notes, the New Notes and any other Exchange Notes of such series.

The 2021 Notes will mature on June 1, 2021. The New 2021 Notes will accrue interest from June 1, 2017 at 5.75%, which interest will be payable semi-annually in arrears on June 1 and December 1 of each year, commencing December 1, 2017. The 5.875% 2022 Notes will mature on July 1, 2022. The New 5.875% 2022 Notes will accrue interest from July 1, 2017 at 5.875%, which interest will be payable semi-annually in arrears on January 1 and July 1 of each year, commencing January 1, 2018. The 5.00% 2022 Notes will mature on August 15, 2022. The New 5.00% 2022 Notes will accrue interest from August 15, 2017 at 5.00%, which interest will be payable semi-annually in arrears on February 15 and August 15 of each year, commencing February 15, 2018. The 2023 Notes will mature on March 15, 2023. The New 2023 Notes will accrue interest from September 15, 2017 at 5.00%, which interest will be payable semi-annually in arrears on March 15 and September 15 of each year, commencing March 15, 2018. If any interest payment date, Maturity Date or redemption date falls on a day that is not a Business Day, the payment will be made on the next Business Day with the same force and effect as if made on the relevant interest payment date, Maturity Date or redemption date. No interest will accrue for the period from and after the applicable interest payment date, Maturity Date or redemption date. Interest will be computed on the basis of a 360-day year consisting of twelve 30-day months. The Trustee is acting as the initial paying agent and registrar for the Notes.

The New Notes will be issued in minimum denominations of \$2,000 or integral multiples of \$1,000 in excess thereof.

Optional Redemption

At any time prior to the Par Call Date of a series, we may redeem the Notes of such series, in whole or in part, at a redemption price equal to the Make-Whole Price, plus accrued and unpaid interest, if any, to, but excluding, the redemption date.

At any time on or after the Par Call Date of a series, we may redeem the Notes of such series, in whole or in part, at a redemption price equal to 100% of the principal amount of the Notes of such series being redeemed, plus accrued and unpaid interest, if any, to, but excluding, the redemption date.

With respect to any redemption of Notes of a series with a redemption date after an interest payment record date but before the succeeding interest payment date, interest will be paid to the Holder of record as of the record date and will not be included in the redemption price.

Notice and Selection

Notice of optional redemption of the Notes of a series must be given to each Holder of the Notes of such series not less than 30 nor more than 60 days prior to the redemption date in accordance with the Indenture relating to such series; *provided* that in connection with a defeasance or satisfaction and discharge notice may be given more than 60 days prior to the redemption date.

Once a notice of redemption is given in accordance with the Indenture relating to such series, the Notes of such series called for redemption become due and payable on the applicable redemption date at the applicable redemption price. Any notice of redemption for the Notes of a series will state, among other things, the aggregate principal amount and the Notes of such series to be redeemed, the redemption date and the name and address of the Paying Agent. If less than all of the Notes of a series are redeemed at any time, the Trustee will select the Notes of such series to be redeemed on a *pro rata* basis, by lot or in accordance with any other method the Trustee deems fair and appropriate, subject to the Depositary's procedures, or, if the Notes of such series are listed on any securities exchange, by any other method that complies with the requirements of such exchange; *provided*, however, that no Notes of a series with a principal amount of \$2,000 or less will be redeemed in part. Unless we default in payment of the applicable redemption price, interest on the Notes of a series to be redeemed will cease to accrue on the applicable redemption date, regardless of whether such Notes of such series are presented for payment.

Certain Definitions

"*Make-Whole Amount*" with respect to any Note of a series means an amount equal to any excess of (i) the present value of (a) the remaining principal on such Note as of the Par Call Date for such series and (b) interest payments due on such Note (excluding any portion of such payments of interest accrued as of the redemption date) through the Par Call Date for such series, computed using a discount rate equal to the Treasury Rate plus 50 basis points over (ii) the outstanding principal amount of such Note. Calculation of the Make-Whole Amount will be made by the Company or on behalf of the Company by such Person as the Company shall designate; *provided, however*, that such calculation shall not be a duty or obligation of the Trustee.

"Make-Whole Remaining Life" means, with respect to a series of Notes, the number of years (calculated to the nearest one-twelfth) between the date of redemption and the Par Call Date for such series.

"Make-Whole Price" means the sum of the outstanding principal amount of the Notes of a series to be redeemed plus the Make-Whole Amount of such series of Notes.

"*Par Call Date*" means March 1, 2021 in the case of the 2021 Notes, April 1, 2022 in the case of the 5.875% 2022 Notes, May 15, 2022 in the case of the 5.00% 2022 Notes, and December 15, 2022 in the case of the 2023 Notes.

"Treasury Rate" means the yield to maturity (calculated on a semi-annual bond equivalent basis) at the time of the computation of United States Treasury securities with a constant maturity (as compiled by and published in the most recent Federal Reserve Statistical Release H.15 (519) or any successor publication which is published weekly by the Board of Governors of the Federal Reserve System and which establishes yields on actively traded United States Treasury securities adjusted to constant maturity under the caption *"Treasury Constant Maturities"*), which has become publicly available at least two Business Days prior to the date of the redemption notice (or, if such Federal Reserve Statistical Release is no longer published, any publicly available source of similar market data) most nearly equal to the Make-Whole Remaining Life; *provided*, however, that if the Make-Whole Remaining Life of such series of Notes is not equal to the constant maturity of the United States Treasury security for which a weekly average yield is given, the Treasury Rate shall be obtained by linear interpolation or extrapolation (calculated to the nearest one-twelfth of a year) from the weekly average yields of United States Treasury securities for which such yields are given, except that if the Make-Whole Remaining Life of such series of Notes is less than one year, the weekly average yield on actually traded United States Treasury securities adjusted to a constant maturity of one year shall be used.

"Business Day" means, with respect to a series of Notes, any day other than a Saturday, a Sunday or a day on which banks and trust companies in The City of New York or any other place of payment with respect to the Notes of such series are not required by law or executive order to be open.

Guarantees

Payment of the principal, premium, if any, and interest on the Notes of a series, when and as the same becomes due and payable, are (in the case of the Old Notes) guaranteed, and will be (in the case of the New Notes) guaranteed, jointly and severally, on a senior unsecured basis (the "*Guarantees*") by the Guarantors. The Old Notes are currently guaranteed by, and the New Notes will initially be guaranteed by, our Subsidiaries, Energy Assets Operating Company, LLC, Range Energy Services Company, LLC, Range Production Company, LLC, Range Resources—Appalachia, LLC, Range Resources—Louisiana, Inc., Range Resources—Midcontinent, LLC, Range Resources—Pine Mountain, Inc. and Range Louisiana Operating, LLC, which represent all of our Subsidiaries, other than one immaterial Subsidiary. In the circumstances described under "—Certain Covenants—Future Guarantees," we may also be required to cause certain of our future Restricted Subsidiaries to become Guarantors.

The obligations of each Guarantor under its Guarantee will be limited to the maximum amount which, after giving effect to all other contingent and fixed liabilities of such Guarantor, and after giving effect to any collections from or payments made by or on behalf of any other Guarantor in respect of the obligations of such other Guarantor under its Guarantee or pursuant to its contribution obligations under the applicable Indenture, will result in the obligations of such Guarantor under its Guarantee or pursuant to its contribution obligations under the applicable Indenture, will result in the obligations of such Guarantor under its Guarantee or pursuant to its contribution obligations under the applicable Indenture, will result in the obligations of such Guarantor under its Guarantee of a Guarantor could be voided if it constitutes a fraudulent transfer under U.S. bankruptcy or similar state law, which would prevent the holders of the New Notes from relying on that Guarantor to satisfy claims." Each Guarantor that makes a payment or distribution under its Guarantee will be entitled to seek contribution from each other Guarantor in a *pro rata* amount based on the net assets of each Guarantor determined in accordance with GAAP.

The Guarantee of a Guarantor will be released automatically with respect to a series of Notes:

(1) in connection with any sale or other disposition of (i) Capital Stock of such Guarantor such that after such sale or disposition the Guarantor is no longer a Restricted Subsidiary of the Company or (ii) all or substantially all of the properties or assets of such Guarantor (including by way of merger or consolidation), in each case to one or more Persons that are not (either before or after giving effect to such transaction) the Company or a Restricted Subsidiary;

(2) if the Guarantor ceases to provide a guarantee with respect to Indebtedness of the Company under the Credit Agreement;

(3) if the Notes are defeased or discharged in accordance with the procedures described below under "—Legal Defeasance and Covenant Defeasance" or "—Satisfaction and Discharge;" or

(4) upon the liquidation or dissolution of such Guarantor.

The assets of any existing or future Subsidiary of the Company that does not guarantee a series of Notes will be subject to the prior claims of all creditors of that Subsidiary, including trade creditors. In the event of a bankruptcy, administrative receivership, composition, insolvency, liquidation or reorganization of any non-guarantor Subsidiary, such Subsidiary will pay the holders of its liabilities, including trade payables, before it will be able to distribute any of its assets to the Company or a Guarantor. Initially, only one of our subsidiaries, which is an immaterial subsidiary, will not guarantee the New Notes. That non-guarantor subsidiary represented less than 1% of our total assets and had no indebtedness as of June 30, 2017.

Change of Control

If a Change of Control Triggering Event occurs, each Holder of Notes of a series will have the right to require that the Company purchase all or any part (in amounts of \$1,000 or whole multiples of \$1,000 in excess thereof) of such Holder's Notes of that series pursuant to the offer described below (the "*Change of Control Offer*"). In the Change of Control Offer, the Company will offer to purchase all of the Notes of a series, at a purchase price (the "*Change of Control Purchase Price*") in cash in an amount equal to 101% of the principal amount of such Notes, plus accrued and unpaid interest, if any, to the date of purchase (the "*Change of Control Purchase Date*").

Not later than 30 days after the date upon which any Change of Control Triggering Event occurred, or, at the Company's option, prior to a Change of Control but after it is publicly announced, the Company must notify the Trustee in writing and give notice of either such event to each Holder of Notes of a series at such Holder's address appearing in the security register or otherwise deliver notice in accordance with the applicable procedures of the Depositary. The notice must state, among other things:

(5) that a Change of Control Triggering Event has occurred or is expected to occur and the date or expected date of such event;

(6) the circumstances and relevant facts regarding such Change of Control Triggering Event;

(7) the Change of Control Purchase Price and the Change of Control Purchase Date, which shall be fixed by the Company on a Business Day no earlier than 30 days nor later than 60 days from the date the notice is mailed or otherwise delivered, or such later date as is necessary to comply with requirements under the Exchange Act; *provided* that the Change of Control Purchase Date may not occur prior to the Change of Control Triggering Event and such notice may be contingent on the occurrence of the Change of Control Triggering Event;

(8) that any Note of the applicable series not tendered will continue to accrue interest;

(9) that, unless the Company defaults in the payment of the Change of Control Purchase Price, any Notes of a series accepted for payment pursuant to the Change of Control Offer shall cease to accrue interest after the Change of Control Purchase Date; and

(10) other procedures that a Holder of Notes must follow to accept a Change of Control Offer or to withdraw acceptance of the Change of Control Offer.

If a Change of Control Offer is made, the Company may not have available funds sufficient to pay the Change of Control Purchase Price for all of the Notes of a series that might be delivered by Holders of the Notes of such series seeking to accept the Change of Control Offer. The failure of the Company to make or consummate the Change of Control Offer or pay the Change of Control Purchase Price when due will give the Trustee and the Holders of the Notes of such series the rights described under "—Events of Default."

The Credit Agreement provides that the occurrence of certain change of control events with respect to the Company would constitute a default thereunder, which would permit the lenders under the Credit Agreement to accelerate the maturity of such indebtedness. If such acceleration occurred, then the Company would be obligated to repay amounts outstanding under such indebtedness. Any future credit agreements or agreements relating to other indebtedness to which the Company becomes a party may contain similar provisions. No assurance can be given that the Company would have sufficient funds to repurchase all Notes and other indebtedness that may be required to be repaid in the event of a Change of Control Triggering Event.

The definition of Change of Control includes a phrase relating to the sale, lease, transfer, conveyance or other disposition of "all or substantially all" of the assets of the Company. The term "all or substantially all" as used in the definition of "Change of Control" has not been interpreted under New York law (which is the governing law of each Indenture) to represent a specific quantitative test. Therefore, if Holders of the Notes of a series elected to exercise their rights under the applicable Indenture and the Company elected to contest such election, it is not clear how a court interpreting New York law would interpret the phrase.

The existence of a Holder's right to require the Company to repurchase such Holder's Notes upon a Change of Control Triggering Event may deter a third party from acquiring the Company in a transaction which constitutes a Change of Control.

The provisions of the Indentures do not afford Holders of the Notes the right to require the Company to repurchase the Notes in the event of a highly leveraged transaction or certain transactions with the Company's management or its Affiliates, including a reorganization, restructuring, merger or similar transaction (including, in certain circumstances, an acquisition of the Company by management or its Affiliates) involving the Company that may adversely affect Holders of the Notes, if such transaction is not a transaction defined as a Change of Control Triggering Event.

The Company will comply with the applicable tender offer rules, including Rule 14e-1 under the Exchange Act, and any other applicable securities laws or regulations in connection with a Change of Control Offer. To the extent that the provisions of any securities laws or regulations conflict with the provisions relating to a Change of Control Offer, the Company will comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations described above by virtue thereof.

The Company will not be required to make a Change of Control Offer (1) if a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements described in the applicable Indenture that are applicable to a Change of Control Offer made by the Company and purchases all Notes of a series validly tendered and not withdrawn under such Change of Control Offer or (2) if notice of redemption for all outstanding Notes of a series has been given pursuant to the applicable Indenture as described under the caption "—Optional Redemption," unless and until there is a default in payment of the applicable redemption price.

In the event that Holders of not less than 90% of the aggregate principal amount of the outstanding Notes of a series accept a Change of Control Offer and the Company purchases all of the Notes of such series held by such Holders, the Company will have the right, upon not less than 30 nor more than 60 days' prior notice, given not more than 30 days following the purchase pursuant to the Change of Control Offer described above, to redeem all of the Notes of such series that remain outstanding following such purchase at a redemption price equal to 101% of the aggregate principal amount of Notes of such series redeemed plus accrued and unpaid interest, if any, thereon to the date of redemption.

Certain Covenants

Each Indenture will include the following covenants:

Limitation on Liens Securing Funded Debt. The Company will not, and will not permit any Restricted Subsidiary to, create, incur or assume any Funded Debt secured by any Liens (other than Permitted Liens) upon

any Property of the Company or any Restricted Subsidiary or upon the Capital Stock of any Restricted Subsidiary unless the Notes of the applicable series or the related Guarantee, if any, of such Restricted Subsidiary, as applicable, (together with, if the Company shall so determine, any other Indebtedness or other obligation of the Company or such Restricted Subsidiary) are equally and ratably secured for so long as such Funded Debt shall be so secured; *provided* that if such Funded Debt or other obligation is expressly subordinated to the Notes of the applicable series or a related Guarantee, if any, the Lien securing such Funded Debt or other obligation will be subordinated and junior to the Lien securing such Notes or such Guarantee.

Notwithstanding the foregoing provisions, the Company or any Restricted Subsidiary may create, incur or assume Funded Debt secured by Liens which would otherwise be subject to the restrictions of this covenant, if the aggregate principal amount of such Funded Debt and all other secured Funded Debt of the Company and any Restricted Subsidiary theretofore created, incurred or assumed pursuant to the exception in this sentence and outstanding at such time does not exceed 15% of the Adjusted Consolidated Net Tangible Assets of the Company.

Future Guarantees. The Company will cause each Restricted Subsidiary (other than a Guarantor) that guarantees Indebtedness of the Company under the Credit Agreement, within 90 days of such guarantee, to execute and deliver to the Trustee a supplement to the applicable Indenture under which such Restricted Subsidiary will become a Guarantor of the Notes of the applicable series on the terms, and subject to the release and other provisions, described above under "—Guarantees."

Limitations on Mergers and Consolidations. The Company will not consolidate or merge with or into any Person, or sell, convey, lease or otherwise dispose of all or substantially all of its assets to any Person, unless:

(1) the Person formed by or surviving such consolidation or merger (if other than the Company), or to which such sale, lease, conveyance or other disposition shall be made (collectively, the "*Successor*"), is a corporation, limited liability company, general partnership or limited partnership organized and existing under the laws of the United States or any state thereof or the District of Columbia, and the Successor assumes by supplemental indenture all of the obligations of the Company under the applicable Indenture; *provided* that unless the Successor is a corporate co-issuer of the Notes of the applicable series will be added to the applicable Indenture by such supplemental indenture; and

(2) immediately after giving effect to such transaction, no Event of Default shall have occurred and be continuing.

Except in transactions that will result in the release of the Guarantee of a Guarantor as provided under "—Guarantees," no Guarantor may consolidate or merge with or into (regardless of whether such Guarantor is the surviving Person) another Person (other than the Company or another Guarantor) unless:

(1) the Person formed by or surviving any such consolidation or merger (if other than such Guarantor) assumes all the obligations of such Guarantor under the applicable Indenture and the Notes of the applicable series pursuant to a supplemental indenture; and

(2) immediately after such transaction, no Default or Event of Default exists.

Notwithstanding the foregoing, the Company or any Guarantor may merge with an Affiliate of it incorporated or organized solely for the purpose of reincorporating or reorganizing the Company or Guarantor in another jurisdiction.

Upon satisfaction of the foregoing requirements with respect to a merger, consolidation or sale or disposition of all or substantially all of the assets of the Company or a Guarantor, the predecessor Company or Guarantor, as the case may be, will be released from its obligations under the applicable Indenture and the successor Company or Guarantor, as the case may be, will succeed to, and be substituted for, and may exercise every right and power of, the Company or such Guarantor, as the case may be, under the applicable Indenture,

but, in the case of a lease of all or substantially all its assets, the predecessor Company will not be released from the obligation to pay the principal of and interest on the Notes of the applicable series.

SEC Reports. The Company will furnish or file with the Trustee, within 15 days after it files the same with the SEC, copies of the annual reports and the information, documents and other reports (or copies of such portions of any of the foregoing as the SEC may by rules and regulations prescribe) that the Company is required to file with the SEC pursuant to Section 13 or 15(d) of the Exchange Act. If the Company is not subject to the requirements of Section 13 or 15(d) of the Exchange Act and the Notes of each applicable series are subject to restrictions on transfer by Persons other than Affiliates of the Company under Rule 144 under the Securities Act, the Company will furnish to all holders of the Notes of the applicable series and prospective purchasers of the Notes of such series designated by the holders of the Notes of such series, promptly on their request, the information required to be delivered pursuant to Rule 144A(d)(4) promulgated under the Securities Act. For purposes of this covenant, the Company will be deemed to have furnished such reports and information with, the Trustee and the holders of Notes of the applicable series and prospective purchasers as required by this covenant if it has filed such reports or information with the SEC via the EDGAR filing system or otherwise made such reports or information publicly available on a freely accessible page on the Company's website; *provided, however*, that the Trustee shall have no obligation whatsoever to determine regardless of whether such reports and information have been posted on such website.

Events of Default

The following are Events of Default with respect to each series of Notes:

(1) default by the Company or any Guarantor in the payment of principal of or any premium on the Notes of such series when due and payable at Maturity;

(2) default by the Company or any Guarantor in the payment of any installment of interest on the Notes of such series when due and payable and continuance of such default for 30 days;

(3) default on any other Indebtedness of the Company or any Guarantor if either:

(A) such default results in the acceleration of the maturity of any such Indebtedness having a principal amount of \$100.0 million or more individually or, taken together with the principal amount of any other such Indebtedness the maturity of which has been so accelerated, in the aggregate; or

(B) such default results from the failure to pay when due principal of any such Indebtedness, after giving effect to any applicable grace period (a "*Payment Default*"), having a principal amount of \$100.0 million or more individually or, taken together with the principal amount of any other Indebtedness under which there has been a Payment Default, in the aggregate;

provided that if any such default is cured or waived or any such acceleration is rescinded, or such Indebtedness (or overdue portion thereof) is repaid, within a period of 30 days from the continuation of such default beyond any applicable grace period or the occurrence of such acceleration, as the case may be, such Event of Default and any consequent acceleration of the Notes shall be rescinded, so long as any such rescission does not conflict with any judgment or decree or applicable provision of law;

(4) default by the Company in the performance or breach of the provisions described under "—Certain Covenants—Limitations on Mergers and Consolidation," or the failure to make or consummate a Change of Control Offer in accordance with the provisions of "—Change of Control;"

(5) default in the performance, or breach of, any covenant or agreement of the Company or any Guarantor in the applicable Indenture and, in each such case, failure to remedy such default within a period of 60 days after written notice thereof from the Trustee or Holders of 25% of the principal amount of the Notes of such series; *provided, however*, that the Company will have 90 days following such written notice to remedy or receive a waiver for any failure to comply with its obligations under the applicable Indenture so long as the Company is attempting to remedy any such failure as promptly as reasonably practicable;

(6) the failure of a Guarantee by a Guaranter that is a Significant Subsidiary to be in full force and effect, or the denial or disaffirmance by such entity thereof, in each case except in accordance with the applicable Indenture; or

(7) certain events involving bankruptcy, insolvency or reorganization of the Company or any Guarantor that is a Significant Subsidiary.

Each Indenture provides that the Trustee may withhold notice to the Holders of Notes of the applicable series of any default (except in payment of principal of, or any premium or interest on, any Notes of such series) if the Trustee considers it in the interest of the Holders of the Notes of such series to do so.

If an Event of Default (other than an Event of Default relating to certain events of bankruptcy, insolvency or reorganization of the Company) with respect to a series of Notes occurs and is continuing, the Trustee or the Holders of not less than 25% in principal amount of the outstanding Notes of such series may declare the unpaid principal of, premium, if any, and accrued but unpaid interest on, all the Notes of such series then outstanding to be due and payable. Upon such a declaration, such principal, premium, if any, and interest will be due and payable immediately. If an Event of Default relating to certain events of bankruptcy, insolvency or reorganization of the Company occurs, the principal of, any premium, if any, and interest on, all the Notes of such series will become and be immediately due and payable without any declaration or other act on the part of the Trustee or any Holder. Under certain circumstances, the Holders of a majority in principal amount of the outstanding Notes of such series may rescind any such acceleration and its consequences.

No Holder of Notes of a series may pursue any remedy under the Indentures unless:

(1) the Trustee shall have received written notice of a continuing Event of Default;

(2) the Trustee shall have received a written request from Holders of at least 25% in principal amount of the Notes of the applicable series to pursue such remedy;

(3) the Trustee shall have received indemnity from the Holders reasonably satisfactory to it;

(4) the Trustee shall have failed to act for a period of 60 days after receipt of such written notice, request and offer of indemnity; and

(5) no direction inconsistent with such written request has been given to the Trustee during such 60-day period by the Holders of a majority in principal amount of the Notes of the applicable series;

provided, however, such provision does not affect the right of a Holder of any Notes of a series to sue for enforcement of any overdue payment thereon.

The Holders of a majority in principal amount of the outstanding Notes of a series will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee with respect to such series of Notes, subject to certain limitations specified in the applicable Indenture. The Trustee shall be under no obligation and may refuse to perform any duty or exercise any right, duty or power hereunder unless it receives indemnity satisfactory to it against any loss, liability, claim, damage or expense.

Modification and Waiver

Supplements and amendments to an Indenture or the Notes of a series may be made by the Company, the Guarantors and the Trustee with the consent of the Holders of a majority in aggregate principal amount of all Notes of the applicable series (taken together as a single class) then outstanding and affected by such amendment or supplement; *provided* that no such modification or amendment may, without the consent of each Holder of Notes of the applicable series affected thereby:

(1) reduce the percentage of principal amount of Notes of such series whose Holders must consent to an amendment, supplement or waiver of any provision of the applicable Indenture or the Notes;

(2) reduce the rate or change the time for payment of interest, including default interest, if any, on the Notes of such series;

(3) reduce the principal amount of any Note of such series or change the Maturity Date of any Notes;

(4) reduce the amount payable upon redemption of any Note;

(5) waive any Event of Default in the payment of principal of, any premium or interest on, the Notes of such series (except a default in payment that has become due solely because of an acceleration that has been rescinded);

(6) make any Note of such series payable in money other than that stated in such Note of such series;

(7) impair the right of Holders of Notes of such series to receive payment of the principal of and interest on Notes of such series on the respective due dates therefor and to institute suit for the enforcement of any such payment; or

(8) make any change in the percentage of principal amount of Notes of such series necessary to waive compliance with certain provisions of the applicable Indenture.

For the avoidance of doubt, none of the foregoing clauses (1) through (8) will apply to any amendment of the provisions described under "—Change of Control" or any definitions related thereto.

Notwithstanding any of the foregoing, supplements and amendments to an Indenture or the Notes of a series may be made by agreement among the Company, the Guarantors and the Trustee without the consent of any Holders in certain limited circumstances, including:

(1) to cure any ambiguity, omission, defect or inconsistency;

(2) to provide for the assumption of the obligations of the Company or any Guarantor under the applicable Indenture upon the merger, consolidation or sale or other disposition of all or substantially all of the assets of the Company or such Guarantor;

(3) to add to, change or eliminate any of the provisions of the applicable Indenture; *provided* that any such addition, change or elimination shall become effective only after there are no such Notes entitled to the benefit of such provision outstanding;

(4) to evidence the acceptance or appointment by a separate Trustee or successor Trustee with respect to the Notes of such series;

(5) to reflect the addition or release of any Guarantor from its Guarantee of the Notes of such series, in the manner provided in the applicable Indenture;

(6) to comply with any requirement of the SEC in order to effect or maintain the qualification of the applicable Indenture under the Trust Indenture Act;

(7) to provide for uncertificated Notes of such series in addition to certificated Notes of such series;

(8) to mortgage, pledge, hypothecate or grant a security interest in favor of the Trustee for the benefit of the holders of the Notes of such series as security for the payment and performance of the Company's and any Guarantor's obligations under the applicable Indenture, in any property or assets, including any of which are required to be mortgaged, pledged or hypothecated, or in which a security interest is required to be granted to or for the benefit of the Trustee pursuant to the applicable Indenture or otherwise;

(9) to comply with the rules of any applicable securities Depositary;

(10) to conform the text of the applicable Indenture, the Notes of such series or the related Guarantees to any provision of this "Description of the New Notes" to the extent that such provision in this "Description of the New Notes" was intended to be a verbatim recitation of a provision of the applicable Indenture, the Notes of such series or the related Guarantees; or

(11) to make any change that would provide any additional benefit to the Holders of the Notes of such series or that does not adversely affect the rights of any Holder in any material respect.

The Holders of a majority in aggregate principal amount of the outstanding Notes of a series may waive compliance with or any past default under the applicable Indenture, except a default in the payment of principal, or any premium or interest (other than a default in payment that has become due solely because of an acceleration that has been rescinded).

Legal Defeasance and Covenant Defeasance

The Company may, at its option and at any time, elect to have its obligations discharged with respect to the Notes of any series ("*Legal Defeasance*"). Such Legal Defeasance means that the Company and any Guarantors will be deemed to have paid and discharged the entire Indebtedness represented by the outstanding Notes of such series and any Guarantees thereof, except for:

(1) the rights of Holders of outstanding Notes of such series to receive payments solely from the trust fund described below in respect of the principal of, and any premium and interest on such Notes when such payments are due;

(2) the Company's obligations concerning the issuance of temporary Notes, transfers and exchanges of the Notes of such series, replacement of mutilated, destroyed, lost or stolen Notes of such series, the maintenance of an office or agency where the Notes of such series may be surrendered for transfer or exchange or presented for payment, and duties of paying agents and conversion agents;

(3) the rights, powers, trusts, duties and immunities of the Trustee, and the Company's obligations in connection therewith; and

(4) the Defeasance provisions of the applicable Indenture.

In addition, the Company may, at its option and at any time, elect to have the obligations of the Company released with respect to certain covenants described under "—Certain Covenants" ("*Covenant Defeasance*"), and thereafter any omission to comply with such obligations shall not constitute a Default or Event of Default. In the event Covenant Defeasance occurs, certain events (not including non-payment) described under "—Events of Default" will no longer constitute an Event of Default. If we exercise our Legal Defeasance or Covenant Defeasance option, each Guarantor will be released from all its obligations under the applicable Indenture and its Guarantee with respect to the Notes of the applicable series and any security granted to secure the Notes of such series will be released.

In order to exercise either Legal Defeasance or Covenant Defeasance under an applicable Indenture:

(1) the Company must irrevocably deposit with the Trustee, in trust, for the benefit of the Holders of the Notes of the applicable series, cash in U.S. Legal Tender, U.S. Government Securities, or a combination thereof, in such amounts as will be sufficient, in the opinion of a nationally recognized firm of independent public accountants, to pay the principal of, and any premium and interest on, the outstanding Notes of such series on each date on which such principal, and any premium and interest is due and payable or on any redemption date established pursuant to the Indenture;

(2) in the case of Legal Defeasance, the Company must deliver to the Trustee an opinion of counsel reasonably acceptable to the Trustee confirming that the Company has received from or there has been published by, the Internal Revenue Service a ruling, or since the date of the applicable Indenture, there has been a change in the applicable U.S. federal income tax law, in either case to the effect that, and based thereon such opinion of counsel shall confirm that, the beneficial owners of the outstanding Notes of such series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of such Legal Defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred;

(3) in the case of Covenant Defeasance, the Company shall have delivered to the Trustee an opinion of counsel reasonably acceptable to the Trustee to the effect that the beneficial owners of the outstanding Notes of the applicable series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of such Covenant Defeasance and will be subject to U.S. federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;

(4) no Default or Event of Default shall have occurred and be continuing on the date of such deposit (other than as a result of borrowing funds in connection with such defeasance or granting of Liens in connection therewith);

(5) such Legal Defeasance or Covenant Defeasance shall not result in a breach or violation of, or constitute a default under any other material agreement, other than the applicable Indenture, or instrument to which the Company is a party or by which the Company is bound;

(6) the Company shall have delivered to the Trustee an officers' certificate stating that the deposit was not made by the Company with the intent of defeating, hindering, delaying or defrauding creditors of the Company or others; and

(7) the Company shall have delivered to the Trustee an officers' certificate and an opinion of counsel each stating that the Company has complied with all conditions precedent provided for relating to the Legal Defeasance or the Covenant Defeasance.

No Sinking Fund

The Company is not required to make any mandatory redemption or sinking fund payments with respect to the Notes of any series.

Satisfaction and Discharge

The Company may discharge all its obligations under an Indenture and the Notes of the applicable series, other than its obligation to register the transfer of and exchange of the Notes of such series; *provided* that it either:

(1) delivers all outstanding Notes of such series to the Trustee for cancellation; or

(2) all Notes of such series not so delivered for cancellation have either become due and payable or will become due and payable at their Maturity within one year or are to be called for redemption within one year, and in the case of this clause (2) the Company has deposited with the Trustee in trust an amount of cash or U.S. Government Securities sufficient to pay the entire indebtedness of all outstanding Notes of such series, including any premium and interest to the applicable Maturity Date or applicable redemption date and all other sums due and payable under the applicable Indenture by the Company.

Governing Law

The Indentures, the Notes and the Guarantees will be governed by, and construed in accordance with, the laws of the State of New York.

The Trustee

U.S. Bank National Association is acting as the initial Trustee, paying agent and registrar for each series of Notes. We may also maintain banking and other commercial relationships with the Trustee and its Affiliates in the ordinary course of business.

The Trustee is permitted to become an owner or pledgee of the Notes and may otherwise deal with the Company or its Subsidiaries or Affiliates with the same rights it would have if it were not Trustee. If, however,

the Trustee acquires any conflicting interest (as defined in the Trust Indenture Act) after an Event of Default has occurred and is continuing, it must eliminate such conflict or resign.

In case an Event of Default shall occur (and be continuing), the Trustee will be required to use the degree of care and skill of a prudent person in the conduct of such person's own affairs. The Trustee will be under no obligation to exercise any of its powers under the Indentures at the request of any of the Holders of the Notes of any series, unless such Holders have offered the Trustee indemnity satisfactory to it.

Payment and Transfer

Initially, the New Notes will be issued only in global form registered in the name of Cede & Co., as nominee of The Depository Trust Company, the Depositary. Beneficial interests in New Notes in global form will be shown on, and transfers of interests in New Notes in global form will be made only through, records maintained by the Depositary and its participants. Any New Notes in definitive form may be presented for registration of transfer or exchange at the office or agency maintained by us for such purpose (which initially will be the corporate trust office of the Trustee).

Payment of principal, or any premium or interest on New Notes in global form registered in the name of the Depository's nominee will be made in immediately available funds to the Depository's nominee, as the registered Holder of such global notes. If any New Notes are no longer represented by a global note, payment of interest on the New Notes in definitive form may, at our option, be made at the corporate trust office of the Trustee indicated above or by check mailed directly to Holders at their respective registered addresses or by wire transfer to an account designated by a Holder.

The Notes may be transferred or exchanged, and they may be presented for payment, at the office of the Trustee indicated in the Indentures, subject to the limitations provided in the Indentures, without the payment of any service charge, other than any applicable tax or governmental charge.

The registered Holder of a Note will be treated as the owner of it for all purposes, and all references in this "Description of the New Notes" to "Holders" mean holders of record, unless otherwise indicated.

Certain Definitions

The following is a summary of certain defined terms used in the Indentures. Reference is made to the Indentures for the full definition of all such terms and for the definitions of capitalized terms used in this offering memorandum and not defined below.

"2021 Exchange Notes" means the Company's 5.75% Senior Notes due 2021 issued under the 2021 Notes Indenture in exchange for outstanding 2021 Notes in an exchange offer pursuant to a registration rights agreement.

"2023 Exchange Notes" means the Company's 5.00% Senior Notes due 2023 issued under the 2023 Notes Indenture in exchange for outstanding 2023 Notes in an exchange offer pursuant to a registration rights agreement.

"5.00% 2022 Exchange Notes" means the Company's 5.00% Senior Notes due 2022 issued under the 5.00% 2022 Notes Indenture in exchange for outstanding 5.00% 2022 Notes in an exchange offer pursuant to a registration rights agreement.

"5.875% 2022 Exchange Notes" means the Company's 5.875% Senior Notes due 2022 issued under the 5.875% 2022 Notes Indenture in exchange for outstanding 5.875% 2022 Notes in an exchange offer pursuant to a registration rights agreement.

"Acquired Debt" means Indebtedness of a Person (1) existing at the time such Person becomes a Restricted Subsidiary or merges with or into the Company or a Restricted Subsidiary or (2) assumed in connection with the acquisition of assets from such Person, in each case other than Indebtedness incurred in connection with, or in contemplation of, such Person becoming a Restricted Subsidiary or such acquisition, as the case may be. Acquired Debt shall be deemed to be incurred on the date of the related acquisition of assets from any Person or the date the acquired Person becomes a Restricted Subsidiary or merges with or into the Company or a Restricted Subsidiary, as the case may be.

"Adjusted Consolidated Net Tangible Assets" means, without duplication, as of the date of determination:

(i) the sum of:

(a) discounted future net revenues from proved oil and gas reserves of the Company and its Restricted Subsidiaries calculated in accordance with SEC guidelines before any state, federal or foreign income taxes ("pre-tax"), as estimated by the Company in a reserve report prepared as of the end of the Company's most recently completed fiscal year for which audited financial statements are then available, as increased by, as of the date of determination, the estimated discounted future net revenues from (1) estimated proved oil and gas reserves acquired since such year-end, which reserves were not reflected in such year-end reserve report, and (2) estimated increases in proved oil and gas reserves since such year-end due to exploration, development or exploitation activities or due to changes in geological conditions (or understandings thereof) or other factors which would, in accordance with standard industry practice, cause such revisions, in each case on a pre-tax basis calculated in accordance with SEC guidelines (utilizing the prices utilized in such year-end reserve report) increased by the accretion of the discount from the date of the reserve report to the date of determination and the effect on proved reserves and future net revenues from estimated development cost incurred, and decreased by, as of the date of determination, the estimated discounted future net revenues from (3) estimated proved oil and gas reserves reflected in such year-end report produced or disposed of since such year-end and (4) estimated oil and gas reserves attributable to downward revisions of estimates of proved oil and gas reserves since such year-end due to changes in geological conditions (or understandings thereof) or other factors which would, in accordance with standard industry practice, cause such revisions, in each case on a pre-tax basis calculated in accordance with SEC guidelines (utilizing the prices utilized in such year-end reserve report); provided that, in the case of each of the determinations made pursuant to clauses (1) through (4), such increases and decreases shall be as estimated by the Company's petroleum engineers, plus

(b) the capitalized costs that are attributable to oil and gas properties of the Company and its Restricted Subsidiaries to which no proved oil and gas reserves are attributable, based on the Company's books and records as of a date no earlier than the date of the Company's latest annual or quarterly financial statements, plus

(c) the Net Working Capital on a date no earlier than the date of the Company's latest annual or quarterly financial statements, plus

(d) the greater of (1) the net book value on a date no earlier than the date of the Company's latest annual or quarterly financial consolidated statements and (2) the appraised value, as estimated by independent appraisers, of other tangible assets (including, without duplication, investments in unconsolidated Restricted Subsidiaries) of the Company and its Restricted Subsidiaries, as of the date no earlier than the date of the Company's latest audited financial statements (provided that the Company shall not be required to obtain such appraisal of such assets if no such appraisal has been performed), plus

(e) any net gas balancing assets of the Company and its Restricted Subsidiaries reflected in the Company's latest annual or quarterly consolidated financial statements,

minus (ii) the sum of:

(a) minority interests, plus

(b) any net gas balancing liabilities of the Company and its Restricted Subsidiaries reflected in the Company's latest annual or quarterly consolidated financial statements (to the extent not deducted in calculating Net Working Capital in accordance with clause (i)(c) of this definition), plus

(c) to the extent included in (i)(a) above, the discounted future net revenues, calculated on a pre-tax basis in accordance with SEC guidelines (utilizing the prices utilized in the Company's year-end reserve report), attributable to reserves which are required to be delivered to third parties to fully satisfy the obligations of the Company and its Restricted Subsidiaries with respect to Volumetric Production Payments (determined, if applicable, using the schedules specified with respect thereto), plus

(d) the discounted future net revenues, calculated on a pre-tax basis in accordance with SEC guidelines, attributable to reserves subject to Dollar- Denominated Production Payments which, based on the estimates of production and price assumptions included in determining the discounted future net revenues specified in (i)(a) above, would be necessary to fully satisfy the payment obligations of the Company and its Restricted Subsidiaries with respect to Dollar-Denominated Production Payments (determined, if applicable, using the schedules specified with respect thereto).

"*Affiliate*" of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For the purposes of this definition, "control" when used with respect to any specified Person means the power to direct the management and policies of such Person, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise; and the terms "controlling" and "controlled" have meanings correlative to the foregoing.

"Board of Directors" means, with respect to any Person, the Board of Directors or other governing body of such Person or any committee thereof duly authorized to act on behalf of such Board of Directors or such other governing body.

"*Capital Stock*" of any Person means any and all shares, units, interests, participations, rights in or other equivalents (however designated) of such Person's capital stock, other equity interests whether now outstanding or issued after the Initial Issue Date, partnership interests (whether general or limited), joint venture interests, limited liability company interests, any other interest or participation that confers on a Person the right to receive a share of the profits and losses of, or distributions of assets of, the issuing Person, including any Preferred Stock, and any rights (other than debt securities convertible into Capital Stock), warrants or options exchangeable for or convertible into such Capital Stock.

"Change of Control" means the occurrence of any of the following events:

(1) any "person" or "group" (as such terms are used in Sections 13(d) and 14(d) of the Exchange Act), other than any Subsidiary or Affiliate thereof, is or becomes the "beneficial owner" (as defined in Rules 13d-3 and 13d-5 under the Exchange Act, except that a Person shall be deemed to have beneficial ownership of all shares that such Person has the right to acquire, whether such right is exercisable immediately or only after the passage of time), directly or indirectly, of more than 50% of the total outstanding Voting Stock of the Company (measured by voting power rather than the number of shares), other than any such transaction in which the outstanding Voting Stock of the Company is changed into or exchanged for Voting Stock of the surviving Person or any parent thereof that collectively represents at least 50% of the total outstanding Voting Stock (measured by voting power rather than the number of shares) of the surviving Person or such parent immediately following such transaction;

(2) the Company sells, assigns, conveys, transfers, leases or otherwise disposes of all or substantially all of its assets to any Person other than the Company or a Subsidiary; or

(3) the Company is liquidated or dissolved or adopts a plan of liquidation or dissolution other than in a transaction which complies with the provisions described under "—Certain Covenants—Limitations on Mergers and Consolidations."

Notwithstanding the foregoing, a Change of Control shall not be deemed to occur upon the consummation of any actions undertaken by the Company or any Restricted Subsidiary solely for the purpose of changing the legal structure of the Company or such Restricted Subsidiary.

"Change of Control Triggering Event" means the occurrence of both a Change of Control and a Rating Decline.

"Credit Agreement" means the Fifth Amended and Restated Credit Agreement dated as of October 16, 2014 among the Company, the guarantors party thereto, JPMorgan Chase Bank, N.A., as administrative agent, and the lenders and agents party thereto from time to time, as such agreement, in whole or in part, in one or more instances, may hereafter be amended, renewed, extended, increased, substituted, refinanced, restructured, replaced, supplemented or otherwise modified from time to time (including, without limitation, any successive renewals, extensions, increases, substitutions, refinancings, restructurings, replacements, supplementations or other modifications of the foregoing).

"Credit Facility" means, one or more debt facilities (including, without limitation, the debt facilities arising pursuant to the Credit Agreement), loan agreements or commercial paper facilities, in each case with banks, investment banks, insurance companies, mutual funds and/or other institutional lenders providing for revolving credit loans, term loans, receivables financing (including through the sale of receivables to such lenders or to special purpose entities formed to borrow from (or sell receivables to) such lenders against such receivables) or letters of credit, in each case, as amended, restated, renewed, refunded, replaced (whether contemporaneously or otherwise) or refinanced (in each case with Credit Facilities with such lenders), supplemented or otherwise modified (in whole or in part and without limitation as to amount, terms, conditions, covenants and other provisions) from time to time.

"Default" means any event which is, or after notice or passage of time or both would be, an Event of Default.

"Depositary" means, with respect any Notes issuable or issued in whole or in part in the form of one or more Global Securities, The Depository Trust Company, New York, New York, or any successor thereto registered as a clearing agency under the Exchange Act or other applicable statute or regulations.

"Dollar-Denominated Production Payment" means a production payment required to be recorded as a borrowing in accordance with GAAP, together with all undertakings and obligations in connection therewith.

"Exchange Act" means the Securities Exchange Act of 1934, as amended, and the rules and regulations of the SEC thereunder.

"Funded Debt" means, with regard to any Person, all Indebtedness incurred, created, assumed or guaranteed by such Person, which matures, or is renewable by such Person to a date, more than one year after the date as of which Funded Debt is being determined.

"GAAP" means United States generally accepted accounting principles as in effect from time to time.

"Global Security" means a Note in global form that evidences all or part of the Notes and registered in the name of the Depositary for the Notes or a nominee thereof.

"*guarantee*" means any obligation, contingent or otherwise, of any Person directly or indirectly guaranteeing any Indebtedness of any other Person and any obligation, direct or indirect, contingent or otherwise, of such Person:

(1) to purchase or pay (or advance or supply funds for the purchase or payment of) such Indebtedness of such other Person; or

(2) entered into for purposes of assuring in any other manner the obligee of such Indebtedness of the payment thereof or to protect such obligee against loss in respect thereof (in whole or in part); *provided, however*, that the term "*guarantee*" will not include endorsements for collection or deposit in the ordinary course of business. The term "*guarantee*" used as a verb has a corresponding meaning.

"Guarantor" means any Subsidiary of the Company which is a guarantor of the Notes, including any Person that is required after the Initial Issue Date to guarantee the Notes pursuant to the covenant described under "—Certain Covenants—Future Guarantees" until the Guarantee of such Guarantor is released in accordance with the Indenture or a successor replaces such Person pursuant to the applicable provisions of the Indenture (and, thereafter, means such successor).

"Holder" means the Person in whose name a Note is registered in the Register.

"Indebtedness" means, without duplication, with respect to any Person,

(a) all obligations of such Person, including those evidenced by bonds, notes, debentures or similar instruments, for the repayment of money borrowed (regardless of whether the recourse of the lender is to the whole of the assets of such Person or only to a portion thereof); and

(b) all liabilities of others of the kind described in the preceding clause (a) that such Person has guaranteed.

Neither Dollar-Denominated Production Payments nor Volumetric Production Payments shall be deemed to be Indebtedness.

"Initial Issue Date" means September 16, 2016.

"Investment Grade Rating" means, with respect to the Notes of a series, a rating equal to or higher than (1) Baa3 (or the equivalent) with a stable or better outlook by Moody's Investors Service, Inc. and (2) BBB- (or the equivalent) with a stable or better outlook by Standard & Poor's; or if either such entity ceases to rate Notes of that series for reasons outside of the Company's control, the equivalent investment grade rating from another nationally recognized statistical rating agency or agencies, as the case may be, selected by the Company.

"Lien" means any mortgage or deed of trust, charge, pledge, lien (statutory or otherwise), privilege, security interest, assignment, deposit, arrangement, hypothecation, claim, preference, priority or other encumbrance for security purposes upon or with respect to any property of any kind (including any conditional sale, capital lease or other title retention agreement, any leases in the nature thereof, and any agreement to give any security interest), real or personal, movable or immovable, now owned or hereafter acquired. References in the Indenture to Liens allowed to exist upon any particular item of Property shall also be deemed (regardless of whether stated specifically) to allow Liens to exist upon any accessions, improvements or additions to, such property, upon any contractual rights relating primarily to such Property, and upon any replacements or proceeds of such Property or of such accessions, improvements, additions or contractual rights.

"Maturity" means, with respect to the Notes of a series, the date on which the principal of such Notes becomes due and payable as provided therein or by the applicable Indenture, whether at the applicable Maturity Date or by declaration of acceleration, call for redemption or otherwise.

"*Maturity Date*" means, with respect to the Notes of a series, the fixed date specified pursuant to the applicable Indenture on which the principal of such Notes becomes due and payable as provided therein or by the applicable Indenture.

"*MLP Subsidiary*" means a Subsidiary of the Company that is a master limited partnership or limited liability company or other pass through entity, in each case having a class of equity securities that is listed for trading (or that is reasonably expected to be so listed for trading within six months) on a national securities exchange.

"Moody's" means Moody's Investor Services Inc., or any successor thereto, including a replacement rating agency selected by us as provided in the definition of Rating Agency.

"*Net Working Capital*" means the sum of (i) all current assets of the Company and its Restricted Subsidiaries plus (ii) the amount of borrowings available to be incurred under the Credit Agreement, less all current liabilities of the Company and its Restricted Subsidiaries, except current liabilities included in Indebtedness, in each case (other than in respect of the amount of borrowings available referred to in the preceding clause (ii)) as set forth in consolidated financial statements of the Company prepared in accordance with GAAP; *provided, however*, that all of the following shall be excluded in the calculation of Net Working Capital: (a) current assets or liabilities relating to the mark-to-market value of hedging arrangements, (b) any current assets or liabilities relating to non-cash charges arising from any grant of Capital Stock, options to acquire Capital Stock, or other equity based awards, and (c) any current assets or liabilities relating to non-cash charges or accruals for future abandonment liabilities.

"Permitted Lien" means:

(1) Liens existing on the Initial Issue Date;

(2) Liens securing Indebtedness under any Credit Facilities;

(3) Liens securing any renewal, extension, substitution, refinancing or replacement of secured Indebtedness; *provided*, that such Liens extend to or cover only the property or assets then securing the Indebtedness being refinanced;

(4) Liens on, or related to, oil and gas properties to secure all or part of the costs incurred in the ordinary course of business of exploration, drilling, development, production, gathering, processing, transportation, marketing or operation thereof, in each case, which are not incurred in connection with the borrowing of money;

(5) any Lien arising by reason of:

(A) any judgment, decree or order of any court, so long as such Lien is adequately bonded and any appropriate legal proceedings which may have been duly initiated for the review of such judgment, decree or order shall not have been finally terminated or the period within which such proceedings may be initiated shall not have expired;

(B) taxes, assessments or governmental charges or claims that are not yet delinquent or which are being contested in good faith by appropriate proceedings promptly instituted and diligently conducted; *provided* that any reserve or other appropriate provision as will be required in conformity with GAAP will have been made therefor;

(C) security made in the ordinary course of business in connection with workers' compensation, unemployment insurance or other types of social security;

(D) good faith deposits in connection with tenders, leases and contracts (other than contracts for the payment of Indebtedness);

(E) zoning restrictions, easements, licenses, reservations, title defects, rights of others for rights of way, utilities, sewers, electric lines, telephone or telegraph lines, and other similar purposes,

provisions, covenants, conditions, waivers, restrictions on the use of property or minor irregularities of title (and with respect to leasehold

(F) interests, mortgages, obligations, Liens and other encumbrances incurred, created, assumed or permitted to exist and arising by, through or under a landlord or owner of the leased property, with or without consent of the lessee), none of which materially impairs the use of any parcel of property material to the operation of the business of the Company or any Subsidiary or the value of such property for the purpose of such business;

(G) deposits to secure public or statutory obligations, or in lieu of surety or appeal bonds;

(H) operation of law or contract in favor of mechanics, carriers, warehousemen, landlords, materialmen, laborers, employees, suppliers and similar persons, incurred in the ordinary course of business for sums which are not yet delinquent for more than 30 days or are being contested in good faith by negotiations or by appropriate proceedings which suspend the collection thereof;

(6) Liens in favor of collecting or payor banks having a right of setoff, revocation, refund or chargeback with respect to money or instruments of the Company or any Subsidiary on deposit with or in possession of such bank;

(7) Liens in favor of the United States, any state thereof, any foreign country or any department, agency or instrumentality or political subdivision of any such jurisdiction, to secure partial, progress, advance or other payments pursuant to any contract or statute or to secure any Indebtedness incurred for the purpose of financing all or any part of the purchase price or the cost of constructing or improving the property subject to such Liens, including, without limitation, Liens to secure Funded Debt of the pollution control or industrial revenue bond type;

(8) any Lien securing Acquired Debt created prior to (and not created in connection with, or in contemplation of) the incurrence of such Indebtedness by the Company or any Subsidiary and Liens on any Property at the time of (and not created in connection with, or in contemplation of) acquisition thereof by the Company or a Restricted Subsidiary; *provided* that such Liens do not encumber other Property of the Company or any Restricted Subsidiary;

(9) any Lien on Property to secure (i) all or any portion of the cost of acquiring, constructing, altering, improving or repairing any Property or assets or improvements used in connection with such Property, and (ii) Indebtedness incurred by the Company or any Subsidiary to provide funds for the activities set forth in clause (i) above; *provided* that the aggregate principal amount of Indebtedness secured by such Liens does not exceed the cost of the Property so acquired, constructed or improved and such Liens are created within 365 days of construction, acquisition or improvement of such Property and do not encumber any other Property of the Company or any Subsidiary other than such Property and assets affixed or appurtenant thereto;

(10) any Lien to secure performance bids, leases (including, without limitation, statutory and common law landlord's liens), statutory obligations, letters of credit and other obligations of a like nature and incurred in the ordinary course of business of the Company or any Subsidiary and not securing or supporting Indebtedness, and any Lien to secure statutory or appeal bonds;

(11) leases and subleases of real property which do not materially interfere with the ordinary conduct of the business of the Company or any of its Restricted Subsidiaries;

(12) any Lien created by a mortgage related to a property or building that is used as the Company's headquarters, regional headquarters, or other principal place of business;

(13) Liens on the Capital Stock of any Subsidiary other than a Restricted Subsidiary;

(14) Liens in favor of the Company or any Guarantor; or

(15) any Lien in favor of the Trustee for the benefit of the Trustee or the holders of the Notes or otherwise securing the Notes or the Guarantees, or liens on funds held in trust for the benefit of third parties.

"Person" means any individual, corporation, partnership, limited liability company, joint venture, trust, estate, association, unincorporated organization or government or any agency or political subdivision thereof.

"Property" means, with respect to any Person, any interest of such Person in any kind of property or asset, whether real, personal or mixed, or tangible or intangible, including Capital Stock and other securities issued by any other Person (but excluding Capital Stock or other securities issued by such first mentioned Person).

"Rating Agency" means, with respect to the Notes of a series,

(1) each of Moody's and S&P; and

(2) if either of Moody's or S&P ceases to rate such Notes or fails to make a rating of such Notes publicly available for reasons outside of our control, a "nationally recognized statistical rating organization" within the meaning of Section 3(a)(62) of the Exchange Act selected by us as a replacement rating agency for Moody's or S&P, or both, as the case may be.

"Rating Date" means the earlier of the date of public notice of (i) the occurrence of a Change of Control or (ii) our intention to effect a Change of Control.

"Rating Decline" shall, with respect to the Notes of a series, be deemed to have occurred if, no later than 30 days after the Rating Date (which period shall be extended so long as the rating of such Notes is under publicly announced consideration for possible downgrade by either of the Rating Agencies and the other Rating Agency has either downgraded, or publicly announced that it is considering downgrading, such Notes), each of the Rating Agencies decreases its rating of such Notes to a rating that is below its rating of such Notes on the day immediately prior to the earlier of (i) the date of the first public announcement of the possibility of a proposed transaction that would result in a Change of Control or (ii) the date that the possibility of such transaction is disclosed to either of the Rating Agencies. Notwithstanding the foregoing, if the Notes of that series have an Investment Grade Rating by each of the Rating Agencies immediately prior to the Rating Date, then "Rating Decline" means a decrease in the ratings of such Notes by one or more gradations (including gradations within categories as well as between rating categories) by each of the Rating Agencies such that the rating of such Notes by each of the Rating Agencies falls below an Investment Grade Rating no later than 30 days after the Rating Date (which 30-day period will be extended so long as the rating of such Notes is under publicly announced consideration for possible downgrade by either of the Rating Agencies and the other Rating Agency has either downgraded, or publicly announced that it is considering downgrade by either of the Rating Agency has either downgrade, or publicly announced that it is considering downgrade by either of the Rating Agencies and the other Rating Agency has either downgrade, or publicly announced that it is considering downgrade by either of the Rating Agencies and the other Rating Agency has either downgraded, or publicly announced that it is considering downgrading, such Notes).

"Restricted Subsidiary" of any Person means any Subsidiary of the Person that is not an MLP Subsidiary or a royalty trust.

"*S&P*" means Standard & Poor's Ratings Services, a division of McGraw-Hill, Inc., or any successor thereto, including a replacement rating agency selected by us as provided in the definition of Rating Agency.

"SEC" means the Securities and Exchange Commission, as from time to time constituted, created under the Exchange Act, or if at any time after the execution of the Indenture such Commission is not existing and performing the duties now assigned to it under the Securities Act and the Exchange Act then the body performing such duties at such time.

"Securities Act" means the Securities Act of 1933, as amended, or any successor statute, and the rules and regulations promulgated by the SEC thereunder.

"Significant Subsidiary" has the meaning set forth in Rule 1-02 of Regulation S-X under the Securities Act as in effect on the Initial Issue Date.

"Subsidiary" of a Person means

(1) any corporation more than 50% of the outstanding voting power of the Voting Stock of which is owned or controlled, directly or indirectly, by such Person or by one or more other Subsidiaries of such Person, or by such Person and one or more other Subsidiaries thereof, or

(2) any limited partnership of which such Person or any Subsidiary of such Person is the sole general partner or general partners, or

(3) any other Person in which such Person, or one or more other Subsidiaries of such Person, or such Person and one or more other Subsidiaries, directly or indirectly, owns more than 50% of the outstanding partnership or similar interests having the power, by contract or otherwise, to direct or cause the direction of the policies, management and affairs thereof.

"U.S. Government Securities" means securities that are (1) direct obligations of the United States of America for the payment of which its full faith and credit is pledged or (2) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States of America the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States of America, which, in either case under clauses (1) or (2) are not callable or redeemable at the option of the issuer thereof.

"U.S. Legal Tender" means such coin or currency of the United States as at the time of payment shall be legal tender for the payment of public and private debts.

"Volumetric Production Payment" means a production payment that is recorded as a sale in accordance with GAAP, regardless of whether the sale price must be recorded as deferred revenue, together with all undertakings and obligations in connection therewith.

"Voting Stock" of a Person means Capital Stock of such Person of the class or classes pursuant to which the holders thereof have the general voting power under ordinary circumstances to elect at least a majority of the Board of Directors, managers or trustees of such Person (regardless of whether at the time Capital Stock of any other class or classes shall have or might have voting power by reason of the happening of any contingency).

DESCRIPTION OF THE REGISTRATION RIGHTS AGREEMENTS

The following summary of certain provisions of the Registration Rights Agreements do not purport to be complete and is subject to, and is qualified in its entirety by reference to, all the provisions of the Registration Rights Agreements, copies of which have been filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part and which may be obtained as described under "Where You Can Find More Information" and "Incorporation by Reference." For purposes of this "Description of the Registration Rights Agreements" section, the terms "the Company," "we," "our," "us" and similar references refer only to Range Resources Corporation and not to any of its subsidiaries or any entities that are consolidated with it for financial reporting purposes, except as otherwise expressly stated or the context otherwise requires.

In connection with the completion of the private exchange offers pursuant to which the Old Notes were issued, on September 16, 2016, we and the Guarantors entered into separate registration rights agreements (each a "Registration Rights Agreement" and collectively, the "Registration Rights Agreements"), with the dealer managers for the private exchange offers, with respect to each series of Old Notes. The Registration Rights Agreements provide that, if, on the fifth business day following the one-year anniversary of the Settlement Date, (i) Old Notes of any series are not freely transferable without volume restrictions by holders that are not "affiliates" of ours in accordance with Rule 144 (or any similar provision then in force) under the Securities Act or otherwise, (ii) Old Notes of any series bear a restricted Securities Act legend or (iii) Old Notes of any series bear a restricted CUSIP number (we refer to Old Notes as to which any of these restrictions apply as "Registrable Notes"), we and the Guarantors will use commercially reasonable efforts to file with the SEC and cause to become effective a registration statement relating to an offer (the "New Notes Exchange Offer") to exchange Registrable Notes of a particular series for New Notes of that series.

Under the Registration Rights Agreements, we are required to offer the New Notes in return for the Old Notes when the SEC declares such exchange offer registration statement effective. Each New Notes Exchange Offer is required to remain open for at least 20 Business Days after the date we mail notice of such New Notes Exchange Offer to holders and we will be entitled to close each New Notes Exchange Offer after such 20 Business Days, provided that we have accepted the Registrable Notes of the applicable series validly surrendered in accordance with the terms of such New Notes Exchange Offer.

If applicable interpretations of the staff of the SEC do not permit us to effect any of the New Notes Exchange Offers or certain other conditions are not satisfied, we and the Guarantors agreed, under the Registration Rights Agreements, that we will use commercially reasonable efforts to make available an effective shelf registration statement relating to resales of the Registrable Notes of the applicable series and to keep that shelf registration statement effective until all Old Notes of that series cease to be Registrable Notes or all Registrable Notes of that series covered by the shelf registration statement have been sold. We will, in the event of such a shelf registration, provide to each holder listed in the related prospectus copies of the prospectus, notify each holder listed in the related prospectus when an effective shelf registration statement has been made available and take certain other actions to permit resales of the Registrable Notes. A holder that sells Old Notes under the shelf registration statement generally will be required to make certain representations to us (as described in the Registration Rights Agreements), to be named as a selling security holder in the related prospectus or prospectus supplement and to deliver a prospectus to purchasers, will be subject to certain of the civil liability provisions under the Securities Act in connection with those sales and will be bound by the provisions of the Registration Rights Agreements that are applicable to such holder (including certain indemnification obligations).

If we are required under the terms of the applicable Registration Rights Agreement to (A) file an exchange offer registration statement and (i) the exchange offer registration statement does not become effective by the fifth business day following September 16, 2017 or (ii) the applicable New Notes Exchange Offer is not completed within 45 days after the exchange offer registration statement becomes effective, or (B) make available an effective shelf registration statement and (i) an effective shelf registration statement is not made available by the 90th day following the date on which the requirement to make such shelf registration statement

available arises or (ii) following effectiveness of the shelf registration statement, subject to limited exceptions, it ceases to remain effective or otherwise available for more than 60 days in any 12-month period prior to the time the Old Notes of such series cease to be Registrable Notes, the annual interest rate borne by the Old Notes of such series will be increased by 0.25% per annum with respect to each 90-day period that passes, up to a maximum of 0.50% per annum (such additional interest, "Additional Interest"), in each case, until the exchange offer registration statement is filed, the exchange offer registration statement becomes effective, such New Notes Exchange Offer is completed, an effective shelf registration statement becomes available or again becomes available, as applicable, or the Registrable Notes of the applicable series otherwise cease to be Registrable Notes, as described above.

Any amounts of Additional Interest due on Old Notes of any series will be payable in cash on the same original interest payment dates on which regular interest payments on the Old Notes of such series are payable.

BOOK-ENTRY, DELIVERY AND FORM

Each series of New Notes will initially be issued in book-entry form evidenced by one or more global New Notes ("Global New Notes") registered in the name of The Depository Trust Company ("DTC") or its nominee. The Old Notes were initially issued and, as of the date of this prospectus, remain in book-entry form evidenced by global Old Notes ("Global Old Notes" and, together with the Global New Notes, the "Global Notes") registered in the name of DTC or its nominee. The Global Old Notes were, and the Global New Notes will be, deposited upon issuance with the Trustee, as custodian for DTC, in each case for credit to the accounts of direct participants in DTC as described below. Except as described below, Global Notes may be transferred, in whole and not in part, only to DTC, or another nominee of DTC or to a successor of DTC or its nominee. Except in the limited circumstances described below, owners of beneficial interests in the Global Notes will not be entitled to receive physical delivery of Certificated Notes (as defined below). See "—Exchange of Book-Entry Notes for Certificated Notes."

Transfers of beneficial interests in the Global Notes are subject to the applicable rules and procedures of DTC and its direct or indirect participants (including, if applicable, those of Euroclear Bank S.A./N.V., as operator of the Euroclear System ("Euroclear"), and Clearstream Banking S.A. ("Clearstream"), which may change from time to time.

The Trustee is acting as the initial paying agent and registrar. The Notes may be presented for registration of transfer and exchange at the offices of the registrar.

Certain Procedures

The following description of some of the operations and procedures of DTC, Euroclear and Clearstream are provided solely as a matter of convenience. These operations and procedures are solely within the control of the respective settlement systems and are subject to changes by them from time to time. We take no responsibility for these operations and procedures and urge investors to contact the system or their participants directly to discuss these matters.

DTC has advised us that DTC is a limited-purpose trust company created to hold securities for its participating organizations (collectively, the "Participants") and to facilitate the clearance and settlement of transactions in those securities between Participants through electronic book-entry changes in accounts of its Participants. The Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. Access to DTC's system is also available to other entities such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a Participant, either directly or indirectly (collectively, the "Indirect Participants"). Persons who are not Participants may beneficially own securities held by or on behalf of DTC only through Participants or Indirect Participants.

DTC has also advised us that, pursuant to procedures established by it, ownership of interests in the Global Notes will be shown on, and the transfer of ownership thereof will be effected only through, records maintained by DTC (with respect to the Participants) or by the Participants and the Indirect Participants (with respect to other owners of beneficial interest in the Global Notes).

Owners of the beneficial interests in the Global Notes may hold their interests therein directly through DTC, if they are Participants in such system, or indirectly through organizations (including Euroclear and Clearstream) which are Participants or Indirect Participants in such system. Each of Euroclear and Clearstream holds and will hold interests in the Global Notes on behalf of its participants through customers' securities accounts in its name on the books of its depositary. All interests in a Global Note, including those held through Euroclear or Clearstream, will be subject to the procedures and requirements of DTC. Those interests held through Euroclear or Clearstream will also be subject to the procedures and requirements of such system.

require, and the laws of other jurisdictions may require, that certain persons take physical delivery in definitive form of securities that they own. Consequently, the ability to transfer beneficial interests in a Global Note to such persons will be limited to that extent. Because DTC can act only on behalf of Participants, which in turn act on behalf of Indirect Participants, the ability of a person having beneficial interests in a Global Note to pledge such interests to persons or entities that do not participate in the DTC system, or otherwise take actions in respect of such interests, may be affected by the lack of a physical certificate evidencing such interests.

Except as described below, owners of interests in the Global Notes will not have Notes registered in their names, will not receive physical delivery of Certificated Notes and will not be considered the registered owners or "holders" thereof under the applicable Indenture for any purpose.

Payments in respect of the principal of, premium, if any, and interest on a Global Note registered in the name of DTC or its nominee will be payable to DTC or its nominee in its capacity as the registered holder under the applicable Indenture. Under the terms of each Indenture, we and the Trustee will treat the persons in whose names the Notes issued thereunder, including the Global Notes, are registered as the owners thereof for the purpose of receiving such payments and for any and all other purposes whatsoever. Consequently, neither we, the Trustee nor any of our or the Trustee's agents has or will have any responsibility or liability for (1) any aspect of DTC's records or any Participant's or Indirect Participant's records relating to or payments made on account of beneficial ownership interest in the Global Notes, or for maintaining, supervising or reviewing any of DTC's records or any Participant's or Indirect Participants or Indirect Participants. DTC has advised us that its current practice, upon receipt of any payment in respect of securities such as the Notes (including principal and interest), is to credit the accounts of the relevant Participants with the payment on the payment date, in amounts proportionate to their respective holdings in the principal amount of the relevant security as shown on the records of DTC. Payments by Participants and Indirect Participants or Indirect Participants and will not be the responsibility of DTC, the Trustee or us. Neither we nor the Trustee will be liable for any delay by DTC or any of its Participants or Indirect Participants in identifying or remitting payments to the beneficial owners of the Notes, and we and the Trustee may conclusively rely on and will be protected in relying on instructions from DTC or its nominee for all purposes.

Except for trades involving only Euroclear and Clearstream participants, interests in the Global Notes are expected to be eligible to trade in DTC's Same-Day Funds Settlement System and secondary market trading activity in such interests will, therefore, settle in immediately available funds, subject in all cases to the rules and procedures of DTC and its Participants. See "—Same-Day Settlement and Payment." Subject to the transfer restrictions applicable to the Old Notes and that may be applicable to any Additional Notes we may issue in the future, transfers between Participants in DTC will be effected in accordance with DTC's procedures, and will be settled in same-day funds, and transfers between participants in Euroclear and Clearstream will be effected in the ordinary way in accordance with their respective rules and operating procedures.

Subject to the transfer restrictions applicable to the Old Notes and that may be applicable to any Additional Notes we may issue in the future, crossmarket transfers between Participants in DTC, on the one hand, and Euroclear or Clearstream participants, on the other hand, will be effected through DTC in accordance with DTC's rules on behalf of Euroclear or Clearstream by their respective depositaries; however, such cross-market transactions will require delivery of instructions to Euroclear or Clearstream by the counterparty in such system in accordance with the rules and procedures and within the established deadlines (Brussels time) of such system. Euroclear or Clearstream will, if the transaction meets its settlement requirements, deliver instructions to its respective depositary to take action to effect final settlement on its behalf by delivering or receiving interests in the relevant Global Note in DTC, and making or receiving payment in accordance with normal procedures for same-day funds settlement applicable to DTC. Euroclear and Clearstream participants may not deliver instructions directly to the respective depositaries for Euroclear or Clearstream.

DTC has advised us that it will take any action permitted to be taken by a holder of Notes only at the direction of one or more Participants to whose account DTC has credited the interests in the Global Notes and only in respect of such portion of the aggregate principal amount of the Global Notes as to which such Participant or Participants has or have given such direction. However, if an Event of Default (as defined in "Description of the New Notes") with respect to the Notes of a particular series has occurred and is continuing, DTC reserves the right to exchange the Global Notes for that series for Certificated Notes (which, in the case of Old Notes and any Additional Notes we may issue in the future that are subject to transfer restrictions, will bear the applicable restrictive legend set forth in the related Indenture unless we determine otherwise), and to distribute such Certificated Notes to its Participants.

DTC, Euroclear and Clearstream are under no obligation to perform or continue to perform the foregoing procedures to facilitate transfers of interests in the Global Notes among Participants in DTC, and such procedures may be discontinued at any time. Neither we nor the Trustee nor any of our or their respective agents will have any responsibility for the performance by DTC, Euroclear or Clearstream or their respective participants or indirect participants of their respective obligations under the rules and procedures governing their operations.

Exchange of Book-Entry Notes for Certificated Notes

A Global Note is exchangeable for Notes in registered certificated form without coupons ("Certificated Notes") if (1) DTC notifies us that it is unwilling or unable to continue as depositary for the applicable Global Note or ceases to be a clearing agency registered under the Exchange Act and, in each case, we do not appoint a successor depositary for the Notes within 90 days, (2) we, at our option and subject to DTC's procedures, notify the Trustee in writing that we elect to cause the issuance of Certificated Notes or (3) there shall have occurred and be continuing an Event of Default with respect to the Notes of the applicable series and DTC requests the issuance of Certificated Notes. If that occurs, then only New Notes in registered certificated form without coupons will be issued in exchange for beneficial interests in Global New Notes of the applicable series and only Old Notes in registered certificated form without coupons will be issued in exchange for beneficial interests in Global Old Notes of the applicable series. In all cases, Certificated Notes delivered in exchange for any Global Note or beneficial interests therein will be registered in the names, and issued in any authorized denominations, requested by or on behalf of DTC (in accordance with its customary procedures) and, in the case of Old Notes and any Additional Notes we may issue in the future that are subject to transfer restrictions, will bear the applicable restrictive legend set forth in the applicable Indenture unless we determine otherwise.

Same-Day Settlement and Payment

Payments in respect of the Notes represented by the Global Notes (including principal and interest) will be made by wire transfer of immediately available funds to DTC or its nominee, as the registered holder of the Global Notes. If Certificated Notes are issued under the limited circumstances described above, we will pay the principal and premium, if any, on, and may pay interest on, such Certificated Notes at the office or agency maintained by us for such purpose, which initially shall be an office of the Trustee, upon surrender of such Certificated Note at such office or agency, and, at our option, we may pay interest on any Certificated Notes by check mailed to the addresses of the registered holders entitled thereto, provided that we will pay principal of premium, if any, and interest on Certificated Notes to holders who have specified an account in the United States of America for such payment. The Notes represented by the Global Notes are expected to trade in DTC's Same-Day Funds Settlement System, and any permitted secondary market trading activity in such Notes will, therefore, be required by DTC to be settled in immediately available funds.

Because of time zone differences, the securities account of a Euroclear or Clearstream participant purchasing an interest in a Global Note from a Participant in DTC will be credited, and any such crediting will be reported to the relevant Euroclear or Clearstream participant, during the securities settlement processing day (which must be a business day for Euroclear or Clearstream) immediately following the settlement date of DTC. Cash received in Euroclear or Clearstream as a result of sales of interests in a Global Note by or through a Euroclear or Clearstream participant to a Participant in DTC will be received with value on the settlement date of DTC but will be available in the relevant Euroclear or Clearstream cash account only as of the business day for Euroclear or Clearstream following DTC's settlement date.

MATERIAL UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS

The following summarizes certain material United States federal income tax consequences relating to (i) the exchange of Old Notes for New Notes pursuant to the exchange offers and (ii) ownership and disposition of the New Notes by U.S. Holders and Non-U.S. Holders (each as defined below). This summary deals only with beneficial owners of Old Notes that acquired the Old Notes in the original issuance at their issue price (as determined for United States federal income tax purposes).

This discussion is based on:

- the Internal Revenue Code of 1986, as amended (the "Code");
- current, temporary and proposed Treasury regulations promulgated under the Code;
- the legislative history of the Code;
- current administrative interpretations and practices of the Internal Revenue Service (the "IRS"); and
- court decisions;

all as of the date of this prospectus. In addition, the administrative interpretations and practices of the IRS include its practices and policies as expressed in private letter rulings that are not binding on the IRS, except with respect to the particular taxpayers who requested and received those rulings. Future legislation, Treasury regulations, administrative interpretations and practices and/or court decisions may adversely affect the tax considerations contained in this discussion. Any change could apply retroactively to transactions preceding the date of the change. The tax considerations contained in this discussion may be challenged by the IRS, and we have not requested, and do not plan to request, any rulings from the IRS concerning the Notes.

The tax treatment of a holder of the Notes may vary depending upon a holder's particular situation, including alternative minimum tax consequences. Certain holders (including, but not limited to, certain financial institutions, insurance companies, broker-dealers, persons who mark-to-market the Notes, tax-exempt organizations, regulated investment companies, real estate investment trusts, U.S. Holders whose functional currency for tax purposes is not the U.S. dollar, expatriates and persons holding Notes as part of a "straddle," "hedge" or "conversion transaction") may be subject to special rules not discussed below. This discussion is limited to holders who will hold the Notes as "capital assets" (generally, property held for investment) within the meaning of Section 1221 of the Code.

YOU SHOULD CONSULT YOUR TAX ADVISOR AS TO THE PARTICULAR TAX CONSEQUENCES OF YOUR ACQUISITION, OWNERSHIP AND DISPOSITION OF THE NEW NOTES.

As used herein, the term "U.S. Holder" means a beneficial owner of Notes that is for United States federal income tax purposes (1) a citizen or resident of the United States, (2) a corporation, including for this purpose an entity treated as a corporation for United States federal income tax purposes, created or organized in or under the laws of the United States or of any political subdivision thereof, (3) an estate whose income is subject to United States federal income tax regardless of its source, or (4) a trust, if both (a) a court within the United States is able to exercise primary supervision over the administration of the trust and (b) one or more United States persons have the authority to control all substantial decisions of the trust. Notwithstanding the preceding sentence, to the extent provided in Treasury regulations, certain trusts that are beneficial holders of the Notes and in existence on August 20, 1996, and treated as United States persons prior to such date, that elect to continue to be treated as United States persons also will be U.S. Holders. As used herein, the term "Non-U.S. Holder" means a beneficial owner (other than a partnership) of Notes that is not a U.S. Holder.

If a partnership (including for this purpose any entity treated as a partnership for United States federal income tax purposes) holds Notes, the treatment of a partner in the partnership will generally depend on the

status of the partner and activities of the partnership. A holder that is a partnership and partners in such partnership should consult their tax advisors regarding the United States federal income tax consequences of acquiring, owning and disposing of the Notes.

Treatment of Exchange under the Exchange Offers

The exchange of the Old Notes for New Notes in the exchange offers will not be a taxable event for U.S. federal income tax purposes. A holder will not realize any taxable gain or loss as a result of exchanging the Old Notes for New Notes, and, upon the exchange, the holder will have the same tax basis and holding period in the New Notes as the holder had in the Old Notes immediately before the exchange.

Tax Treatment of New Notes

U.S. Holders

Interest

Stated interest on the New Notes will be included in the income of a U.S. Holder as ordinary income at the time such interest is received or accrued, in accordance with the U.S. Holder's regular method of tax accounting.

Original issue discount

If the Old Notes were issued with original issue discount ("OID"), a U.S. Holder will be required to include OID in ordinary income as it accrues under a constant yield to maturity method, regardless of the U.S. Holder's normal method of tax accounting.

Sale, retirement, redemption or other taxable disposition

In general, a U.S. Holder of the New Notes will recognize gain or loss upon the sale, retirement, redemption or other taxable disposition of such New Notes in an amount equal to the difference between (1) the amount of cash and the fair market value of property received in exchange therefor (except to the extent attributable to the payment of accrued and unpaid interest, which generally will be taxable to a holder as ordinary income as described below) and (2) the U.S. Holder's adjusted tax basis in such New Notes. A U.S. Holder's adjusted tax basis in the New Notes generally will be equal to such U.S. Holder's adjusted tax basis in the Old Notes at the time of the exchange, increased by any OID subsequently included in income by the U.S. Holder. The portion of any proceeds that is attributable to accrued and unpaid interest that the U.S. Holder did not previously include in income will not be taken into account in computing the U.S. Holder's capital gain or loss, but will instead be treated as interest income, as described under "—Interest" above. Net capital gain (*i.e.* generally, capital gain in excess of capital loss) recognized by a non-corporate U.S. Holder from the sale of a capital asset that has been held for more than 12 months is currently subject to United States federal income tax at a rate not to exceed 20%. Net capital gain recognized by a corporate taxpayer will continue to be subject to United States federal income tax at ordinary income tax rates applicable to corporations. The ability to deduct capital losses is subject to limitations under the Code.

Additional tax on investment income

A U.S. Holder that is an individual, estate or trust that does not fall into a special class of trusts that is exempt from such tax is subject to a 3.8% tax on the lesser of (1) the U.S. Holder's "net investment income" for the relevant taxable year and (2) the excess of the U.S. Holder's modified adjusted gross income for the taxable year over a certain threshold (which in the case of individuals will be between \$125,000 and \$250,000, depending on the individual's circumstances). A U.S. Holder's net investment income will generally include its interest income (including OID) and net gain from the disposition of the New Notes, unless such interest income

(including OID) and net gain is derived in the ordinary course of the conduct of a trade or business (other than a trade or business that consists of certain passive or trading activities). Net investment income may, however, be reduced by properly allocable deductions to such income. U.S. Holders that are individuals, estates or trusts are urged to consult their tax advisors regarding the applicability of this 3.8% Medicare tax to their income and gains from the New Notes.

Non-U.S. Holders

A Non-U.S. Holder generally will not be subject to United States federal income or withholding tax on payments of interest (including OID) on the New Notes, unless that Non-U.S. Holder actually or constructively owns 10% or more of the total combined voting power of all classes of our stock that are entitled to vote within the meaning of Section 871(h)(3) of the Code, is a controlled foreign corporation related to us or is a bank receiving interest (including OID) described in Section 881(c)(3)(A) of the Code, provided that such interest (including OID) is not effectively connected with the conduct of a trade or business in the United States by the Non-U.S. Holder. To qualify for the exemption from taxation, the last United States payor, as defined in the Treasury regulations (or a non-U.S. payor who is a qualified intermediary or withholding foreign partnership) in the chain of payment prior to payment to a Non-U.S. Holder (the "Withholding Agent"), must have received, before payment, a statement that (1) is signed by the beneficial owner of the New Notes under penalties of perjury, (2) certifies that such owner is not a U.S. Holder and (3) provides the name and address of the beneficial owner. The statement may be made on an IRS Form W-8BEN or IRS Form W-8BEN-E or a substantially similar form. An IRS Form W-8BEN or IRS Form W-8BEN-E is generally effective for the year of signature plus the following three calendar years; however, the beneficial owner must inform the Withholding Agent of any change in the information on the statement within 30 days of such change. Notwithstanding the preceding sentence, an IRS Form W-8BEN or IRS Form W-8BEN-E may in certain circumstances remain effective until a change in circumstances makes any information on such form inaccurate. If the New Notes are held through a securities clearing organization or certain other financial institution, the beneficial owner must provide to such organization or institution an IRS Form W-8BEN or IRS Form W-8BEN-E and the organization or instit

A Non-U.S. Holder that does not qualify for exemption from withholding as described in the preceding paragraph generally will be subject to withholding of United States federal income tax at a tax rate of 30% (or lower applicable treaty rate) on payments of interest (including OID) on the New Notes.

In addition, a Non-U.S. Holder will generally not be subject to United States federal income or withholding tax on any amount which constitutes gain upon the sale, retirement, redemption or other taxable disposition of the New Notes, provided (1) the gain is not effectively connected with the conduct of a trade or business in the United States by the Non-U.S. Holder and (2) in the case of an individual Non-U.S. Holder, such holder is not present in the United States for 183 days or more in the taxable year. Certain other exceptions may be applicable and a Non-U.S. Holder should consult its tax advisor in this regard.

To the extent that gain or interest income (including OID) with respect to the New Notes is not exempt from the United States federal income or withholding tax, a Non-U.S. Holder may be able to reduce or eliminate such tax under an applicable income tax treaty.

Except to the extent that an applicable income tax treaty otherwise provides, a Non-U.S. Holder whose gain or interest income (including OID) with respect to the New Notes is effectively connected with the conduct of a trade or business in the United States by such Non-U.S. Holder (and if certain tax treaties apply, is attributable to a permanent establishment maintained by the Non-U.S. Holder in the United States) will not be subject to the United States federal withholding tax if such Non U.S. Holder provides an IRS Form W-8ECI to the Withholding Agent. Instead, such Non-U.S. Holder will generally be subject to tax on such gain and interest income (including OID) at regular income tax rates in the manner similar to the taxation of U.S. Holders. In addition, a

corporate Non-U.S. Holder will be subject to a branch profits tax equal to 30% of its "dividend equivalent amount" (generally representing the amount that remains after paying the tax on such gain or interest income (including OID) discussed in the preceding sentence), although a Non-U.S. Holder may be able to reduce or eliminate such tax under an applicable income tax treaty. If a Non-U.S. Holder is an individual that is present in the United States for 183 days or more in a taxable year, such holder will be subject to a flat 30% tax (subject to reductions under an applicable income tax treaty) on the gain derived from the sale, redemption or other taxable disposition in such taxable year, which may be offset by U.S. source capital losses, even though such holder is not considered a resident of the United States.

Information reporting and backup withholding

Generally, we must report annually to the IRS and to Non-U.S. Holders the amount of interest (including OID) paid to Non-U.S. Holders and the amount of tax, if any, withheld with respect to those payments. Copies of the information returns reporting such interest (including OID) and withholding may also be made available to the tax authorities in the country in which a Non-U.S. Holder resides under the provisions of an applicable income tax treaty.

Backup withholding of United States federal income tax may apply to payments made in respect of the New Notes to registered owners who are not "exempt recipients" and who fail to provide certain identifying information (such as the registered owner's taxpayer identification number) on an IRS Form W-8BEN or IRS Form W-8BEN-E, in the case of a Non-U.S. Holder, or an IRS Form W-9, in the case of a U.S. Holder. Compliance with the identification procedures described in the preceding section generally would establish an exemption from backup withholding for Non-U.S. Holders. As discussed above, a Non-U.S. Holder whose gain or interest income (including OID) with respect to the New Notes is effectively connected with the conduct of a trade or business in the United States by such Non-U.S. Holder will generally not be subject to backup withholding if the Non-U.S. Holder provides the Withholding Agent with an IRS Form W-8ECI.

In addition, upon the sale of the New Notes to (or through) a broker, the broker may be required to withhold an appropriate percentage of the entire purchase price, unless the seller provides, in the required manner, certain identifying information and, in the case of a Non-U.S. Holder, certifies that such seller is a Non-U.S. Holder (and certain other conditions are met). Such a sale may also be reported by the broker to the IRS (which report must, in certain circumstances, include the adjusted basis of the New Notes), unless the seller certifies its Non-U.S. Holder status (and certain conditions are met). Certification of the registered owner's Non-U.S. Holder status would be made normally on an IRS Form W-8BEN or IRS Form W-8BEN-E under penalties of perjury, although in certain cases it may be possible to submit other documentary evidence.

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules from a payment to a beneficial owner would be allowed as a refund or a credit against such beneficial owner's United States federal income tax liability provided the required information is furnished to the IRS in a timely manner.

Potential application of rules governing contingent payment debt instruments

We may be obligated to pay amounts in excess of the stated interest or principal on the Old Notes or New Notes, including as described under "Description of the New Notes—Change of Control." The potential obligation to pay these additional amounts may implicate the provisions of applicable Treasury regulations relating to "contingent payment debt instruments."

According to the applicable Treasury regulations, certain contingencies will not cause a debt instrument to be treated as a contingent payment debt instrument if such contingencies, as of the date of issuance, are remote or incidental. Although the matter is not free from doubt, we intend to take the position that the foregoing contingencies are remote or incidental, and we do not intend to treat the New Notes as contingent payment debt

instruments. This position will be based in part on our determination that, as of the date of the issuance of the Old Notes, the possibility that such additional amounts would have to be paid, in the aggregate, is a remote or incidental contingency within the meaning of applicable Treasury regulations. However, there is no assurance that our position would be respected by the IRS or, if challenged, upheld by a court. If the IRS were to challenge our position and successfully assert that such contingencies are not remote or incidental, the New Notes may constitute contingent payment debt instruments. If the New Notes are treated as contingent payment debt instruments, a holder that is subject to U.S. federal income tax may be required to accrue OID on the New Notes in excess of stated interest and otherwise applicable OID, and to treat as ordinary income (rather than capital gain) any gain that is recognized upon a sale, redemption or other taxable disposition of the New Notes. In the event that any of these contingencies were to occur, it would affect the character, amount and timing of any income recognized. The discussions above under "—U.S. Holders" and "—Non-U.S. Holders" assume that the New Notes will not be treated as contingent payment debt instruments. Holders should consult their own tax advisors regarding the possible application of the contingent payment debt instrument rules to the New Notes.

Foreign Account Tax Compliance Act

Sections 1471-1474 of the Code and the Treasury regulations thereunder ("FATCA") impose withholding taxes on certain types of payments made to "foreign financial institutions," as specially defined under FATCA, and certain other non-U.S. entities. FATCA imposes a 30% withholding tax on payments of interest (including OID) on, and gross proceeds from the sale or other disposition of, the New Notes paid to a foreign financial institution unless the foreign financial institution is deemed to be compliant with FATCA or enters into an agreement with the IRS to, among other things, undertake to identify accounts held by certain U.S. persons or U.S.-owned foreign entities, annually report certain information about such accounts, and withhold 30% on payments to account holders whose actions prevent it from complying with these reporting and other requirements. In addition, FATCA imposes a 30% withholding tax on the same types of payments to a non-financial foreign entity of a certain type unless the entity certifies that it does not have any substantial U.S. owners or furnishes identifying information to the IRS or to the withholding agent regarding each substantial U.S. owner. These rules currently apply to payments of interest (including OID) and are expected to apply to payments of gross proceeds from the sale or other disposition of the New Notes after December 31, 2018. Prospective investors should consult their tax advisors regarding the application of FATCA to the acquisition, ownership or disposition of the New Notes.

STATE AND LOCAL INCOME TAX CONSIDERATIONS

In addition to the United States federal income tax consequences described in "Material United States Federal Income Tax Considerations," you should consider the state and local income tax consequences of the acquisition, ownership and disposition of the New Notes. State and local income tax law may differ substantially from corresponding federal law, and this discussion does not purport to describe any aspect of the income tax laws of any state or locality. **You should consult your tax advisor with respect to the various state and local tax consequences of an investment in the New Notes.**

PLAN OF DISTRIBUTION

Each broker-dealer that receives New Notes for its own account pursuant to any exchange offer must acknowledge and agree that it will deliver (or, to the extent permitted by applicable law, make available) to purchasers and transferees a prospectus meeting the requirements of the Securities Act in connection with any resale or other transfer of such New Notes. However, by so acknowledging and by delivering (or making available) a prospectus, a broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. A broker-dealer that acquired Old Notes for its own account as a result of market making or other transfers of New Notes received for its own account in exchange for such Old Notes in any exchange offer for a period of 180 days (subject to our right to suspend the use of the prospectus as described below) after the expiration date of such exchange offer, so long as such participating broker-dealer has notified us by delivering a fully completed and executed letter of transmittal to the Exchange Agent at the address set forth above under "The Exchange Offers—Exchange Agent" prior to 5:00 p.m., New York City time, on the expiration date in which such broker-dealer may not use this prospectus for the purpose of reselling or otherwise transferring Notes.

We will not receive any proceeds from any sale of New Notes by broker-dealers or otherwise. New Notes received by broker-dealers for their own account pursuant to any exchange offer may be sold from time to time in one or more transactions in the over-the-counter market, in negotiated transactions, through the writing of options on the New Notes or a combination of such methods of resale, at market prices prevailing at the time of resale, at prices related to such prevailing market prices or at negotiated prices. Any such resale may be made directly to purchasers or to or through brokers or dealers who may receive compensation in the form of commissions or concessions from any such broker-dealer or the purchasers of any such New Notes. Any broker-dealer that resells New Notes that were received for its own account pursuant to any exchange offer and any broker or dealer that participates in a distribution of such New Notes may be deemed to be an "underwriter" within the meaning of the Securities Act and any profit on any such resale of New Notes and any commission or concessions received by any such persons may be deemed to be underwriting compensation under the Securities Act. The letter of transmittal states that, by acknowledging that it will deliver and by delivering a prospectus, a broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act.

We have agreed to pay all expenses incident to the performance of our obligations under the Registration Rights Agreements, excluding underwriting discounts and commissions, brokerage commissions and certain transfer taxes as described above under "The Exchange Offers—Transfer Taxes." We have also agreed in the Registration Rights Agreements to indemnify the holders of the Old Notes and participating broker-dealers, if any, against certain liabilities, including liabilities under the Securities Act.

By tendering its Old Notes, any participating broker-dealer that receives New Notes pursuant to any exchange offer agrees to notify us prior to using this prospectus in connection with any sale or transfer of such New Notes, acknowledges and agrees that the applicable Registration Rights Agreement provides that, upon notice from us of the occurrence of any event that makes any statement in this prospectus, the registration statement of which this prospectus is a part or any related free writing prospectus untrue in any material respect or that requires the making of any changes in this prospectus or such registration statement or free writing prospectus in order to make the statements therein not misleading, it will suspend the use of this prospectus or such free writing prospectus, as the case may be, until we have amended or supplemented this prospectus or such free writing prospectus, as the case may be, to correct such misstatement or omission.

EXPERTS

The consolidated financial statements of Range Resources Corporation incorporated in this prospectus by reference from Range Resources Corporation's Annual Report on Form 10-K for the year ended December 31, 2016 and the effectiveness of Range Resources Corporation's internal control over financial reporting as of December 31, 2016 have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon, which are incorporated herein by reference. Such consolidated financial statements are incorporated herein in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

The consolidated balance sheets of Memorial Resource Development Corp. and subsidiaries as of December 31, 2015 and 2014, the related consolidated statements of operations, equity, and cash flows for the year ended December 31, 2015, and the related consolidated and combined statements of operations, equity, and cash flows for each of the years in the two-year period ended December 31, 2014, have been incorporated by reference herein from Range Resources Corporation's September 19, 2016 Current Report on Form 8-K in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein upon the authority of said firm as experts in accounting and auditing.

The audit report on the consolidated and combined financial statements of Memorial Resource Development Corp. states that the statements of operations, equity, and cash flows for each of the years in the two-year period ended December 31, 2014 have been prepared on a combined basis of accounting. The audit report on the consolidated and combined financial statements of Memorial Resource Development Corp. also refers to a change in method accounting for debt issuance costs and deferred income taxes effective January 1, 2014.

The estimates of proved oil and gas reserves for Range Resources Corporation included and incorporated by reference herein were based on internally prepared reserve estimates. Wright & Company, Inc., an independent petroleum engineering firm, audited approximately 86% of Range Resources Corporation's proved reserves. Netherland, Sewell & Associates, Inc., an independent petroleum engineering firm, audited approximately 10% of Range Resources Corporation's proved reserves. The estimates have been so included or incorporated in reliance on the authority of such firms as experts in such matters.

LEGAL MATTERS

The validity of the New Notes will be passed upon for us by Sidley Austin LLP.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and, in accordance with these requirements, we file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy any of these documents at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may also read and copy any of these documents at the New York Stock Exchange's office at 11 Wall Street, New York, New York 10005. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. Our SEC filings are also available over the Internet at the SEC's website at http://www.sec.gov. In addition, copies of our SEC filings are available free of charge through our website (http://www.rangeresources.com) as soon as reasonably practicable after filing with the SEC. We have not incorporated by reference into this prospectus the information included on, or linked from, our website (other than to the extent specified elsewhere herein), and you should not consider it to be a part of this prospectus.

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INCORPORATION BY REFERENCE

We have elected to incorporate by reference information into this prospectus. By incorporating by reference we are disclosing important information to you by referring you to another document we have filed separately with the SEC. Any information referred to in this way is considered part of this prospectus from the date we file that document. We incorporate by reference into this prospectus the following documents filed with the SEC (other than, in each case, documents, portions of documents or exhibits deemed to have been furnished and not filed in accordance with SEC rules):

- our Annual Report on Form 10-K for the year ended December 31, 2016;
- our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2017 and June 30, 2017;
- our Definitive Proxy Statement on Schedule 14A filed on April 7, 2017; and
- our Current Reports on Form 8-K filed on September 19, 2016, May 17, 2017 and August 9, 2017.

All documents that we file (but not any documents, portions of documents or exhibits thereto that we furnish) pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act on or after the date of this prospectus and prior to the termination of the exchange offers shall be deemed to be incorporated by reference into this prospectus and will automatically update and, to the extent inconsistent, supersede the information in this prospectus and any previously filed documents that are incorporated or deemed to be incorporated by reference into this prospectus.

We will provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, upon his or her written or oral request, a copy of any or all documents referred to above that have been or may be incorporated by reference into this prospectus, excluding exhibits to those documents unless they are specifically incorporated by reference into those documents. To obtain timely delivery of any such documents, you should make any such request no later than five business days before the expiration date of the applicable exchange offer. Requests for those documents should be directed to us as follows: Range Resources Corporation, 100 Throckmorton Street, Suite 1200, Fort Worth, Texas 76102, Attention: Investor Relations, Telephone: (817) 870-2601.

RANGE RESOURCES®

Range Resources Corporation

OFFERS TO EXCHANGE

Any and all of its outstanding \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 for Up to \$475,952,000 aggregate principal amount of its 5.75% Senior Notes due 2021 that have been registered under the Securities Act of 1933 and Any and all of its outstanding \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 for Up to \$329,244,000 aggregate principal amount of its 5.875% Senior Notes due 2022 that have been registered under the Securities Act of 1933 and Any and all of its outstanding \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 for Up to \$580,032,000 aggregate principal amount of its 5.00% Senior Notes due 2022 that have been registered under the Securities Act of 1933 and Any and all of its outstanding \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 for

Up to \$741,531,000 aggregate principal amount of its 5.00% Senior Notes due 2023 that have been registered under the Securities Act of 1933

PROSPECTUS

, 2017

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 20. Indemnification of directors and officers.

Section 145 of the Delaware General Corporation Law ("DGCL") provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that he or she is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action, suit or proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. Section 145 further provides that a corporation similarly may indemnify any such person serving in any such capacity who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he or she is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees) actually and reasonably incurred in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Delaware Court of Chancery or such other court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Delaware Court of Chancery or such other court shall deem proper.

Section 18-108 of the Delaware Limited Liability Company Act (the "DLLCA") provides that, subject to such standards and restrictions in its limited liability company agreement, if any, a limited liability company may, and shall have the power to, indemnify and hold harmless any member or manager or other person from and against any and all claims and demands whatsoever.

The preceding discussion of Section 145 of the DGCL and Section 18-108 of the DLLCA is not intended to be exhaustive and is qualified in its entirety by the reference to Section 145 of the DGCL and Section 18-108 of the DLLCA.

Indemnification of the officers and directors of the Company

The Company's Amended and Restated Bylaws and Restated Certificate of Incorporation, as amended, each provide that the Company will indemnify and hold harmless to the fullest extent authorized by law each person who was or is made a party or is threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, whether brought or threatened by or in the right of the Company or by any other person, governmental authority or instrumentality, by reason of the fact that such person, or another person of whom such first person is the legal representative, (a) is or was a director, officer or employee of the Company or (b) while a director, officer or employee of the Company, is or was serving at the request of the Company as a director, officer, trustee, employee or agent of another corporation, limited liability company, partnership, joint venture, trust or any other entity or enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action in an official capacity as a director, officer or employee of the Company or in any other capacity while serving as a director, officer, trustee, employee or agent. Such indemnification continues as to a person who has ceased to be a director, officer, employee or agent and inures to the benefit of his or her heirs, executors and administrators.



In addition, as permitted by the DGCL, the Restated Certificate of Incorporation provides that directors of the Company will have no personal liability to the Company or its stockholders for monetary damages for breach of fiduciary duty as a director, except (1) for any breach of the director's duty of loyalty to the Company or its stockholders, (2) for acts or omissions not in good faith or which involve intentional misconduct or knowing violation of law, (3) under Section 174 of the DGCL or (4) for any transaction from which a director derived an improper personal benefit.

The preceding discussion of the Company's Amended and Restated Bylaws and Restated Certificate of Incorporation, as amended, is not intended to be exhaustive and is qualified in its entirety by the reference to the Company's Amended and Restated Bylaws and Restated Certificate of Incorporation, as amended.

The Company has entered into indemnification agreements with its directors and executive officers, and intends to enter into indemnification agreements with any new directors and executive officers in the future. Pursuant to such agreements, the Company will, to the extent permitted by applicable law, indemnify such persons against all expenses, judgments, fines and penalties incurred in connection with the defense or settlement of any actions brought against them by reason of the fact that they were directors or officers of the Company or assumed certain responsibilities at the direction of the Company. The preceding discussion of the Company's indemnification agreements is not intended to be exhaustive and is qualified in its entirety by reference to such indemnification agreements.

Indemnification of members, managers and officers of Energy Assets Operating Company, LLC

The Company Agreement of Energy Assets Operating Company, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The Company Agreement of Energy Assets Operating Company, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The preceding discussion of the company's Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Company Agreement.

Indemnification of members, managers and officers of Range Energy Services Company, LLC

The Company Agreement of Range Energy Services Company, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The Company Agreement of Range Energy Services Company, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The preceding discussion of the company's Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Company Agreement.

Indemnification of members, managers and officers of Range Production Company, LLC

The Company Agreement of Range Production Company, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The Company Agreement of Range Production Company, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Company Agreement.

The preceding discussion of the company's Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Company Agreement.

Indemnification of members, managers and officers of Range Resources-Appalachia, LLC

The Amended and Restated Company Agreement of Range Resources–Appalachia, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The Amended and Restated Company Agreement of Range Resources–Appalachia, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Amended and Restated Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The preceding discussion of the company's Amended and Restated Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Amended and Restated Company Agreement.

Indemnification of directors and officers of Range Resources-Louisiana, Inc.

The Amended and Restated Bylaws of Range Resources–Louisiana, Inc. provide that the company will indemnify and hold harmless to the fullest extent authorized by law each person who was or is made a party or is threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative, whether brought or threatened by or in the right of the company or by any other person, governmental authority or instrumentality, by reason of the fact that such person, or another person of whom such first person is the legal representative, (a) is or was a director, officer or employee of the company or (b) while a director, officer or employee of the company, is or was serving at the request of the company as a director, officer, trustee, employee or agent of another corporation, limited liability company, partnership, joint venture, trust or any other entity or enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action in an official capacity as a director, officer or employee of the company or in any other capacity while serving as a director, officer, trustee, employee or agent at the request of the company. Such indemnification continues as to a person who has ceased to be a director, officer, employee or agent and inures to the benefit of such person's heirs, executors and administrators.

The Amended and Restated Certificate of Incorporation of Range Resources–Louisiana, Inc. provides that no director will be personally liable to the company or its stockholder for monetary damages for any breach of fiduciary duty by such director as a director, except for liability (1) for a breach of the director's duty of loyalty to the company or its stockholders, (2) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (3) pursuant to Section 174 of the DGCL or (iv) for any transaction from which the director derived an improper personal benefit. Each person who is or was a director or officer of the company, and each person who serves or served at the request of the company as a director or officer of another enterprise, will be indemnified by the company in accordance with, and to the fullest extent authorized by, the DGCL as it may be in effect from time to time.

The preceding discussion of the company's Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws is not intended to be exhaustive and is qualified in its entirety by the reference to the Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws.

Indemnification of members, managers and officers of Range Resources-Midcontinent, LLC

The Amended and Restated Company Agreement of Range Resources–Midcontinent, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The Amended and Restated Company Agreement of Range Resources–Midcontinent, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Amended and Restated Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The preceding discussion of the company's Amended and Restated Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Amended and Restated Company Agreement.

Indemnification of directors and officers of Range Resources-Pine Mountain, Inc.

The Certificate of Incorporation and Amended and Restated Bylaws of Range Resources–Pine Mountain, Inc. each provide that the company will indemnify and hold harmless to the fullest extent authorized by the DGCL each person who was or is made a party or is threatened to be made a party to or is involved in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, whether by or in the right of the company, by reason of the fact that such person (a) is or was a director, officer, employee or agent of the company or (b) while a director, officer, employee or agent of the company, is or was serving or has agreed to serve at the request of the company as a director, officer, employee or agent in any capacity, any corporation, limited liability company, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action in an official capacity as a director, officer, employee or agent of the company or in any other capacity while serving as a director, officer, employee or agent. Such indemnification continues as to a person who has ceased to be a director, officer, employee or agent and inures to the benefit of such person's heirs, executors and administrators.

The Certificate of Incorporation of Range Resources–Pine Mountain, Inc. provides that to the fullest extent permitted by the applicable law, a director of the company will not be liable to the company or its stockholders for monetary damages for breach of fiduciary duty as a director.

The preceding discussion of the company's Certificate of Incorporation and Amended and Restated Bylaws is not intended to be exhaustive and is qualified in its entirety by the reference to the Certificate of Incorporation and Amended and Restated Bylaws.

Indemnification of members, managers and officers of Range Louisiana Operating, LLC

The Amended and Restated Company Agreement of Range Louisiana Operating, LLC provides that the company will indemnify and hold each member, each manager and each officer appointed by its board harmless for and from all assessments, costs, damages, expenses, fines, judgments, liabilities, losses, penalties, and reasonable attorney's and paralegal's fees and disbursements incurred by the member, the manager or the officer by reason of any act or omission performed or omitted by the member, the manager or the officer on behalf of the company; *provided, however*, a member, manager or officer will not be indemnified by the company for any of the foregoing resulting from the member's, the manager's or the officer's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The Amended and Restated Company Agreement of Range Louisiana Operating, LLC also provides that no member or manager is liable to any other member or the company for any act or omission made in good faith relating to the member's or the manager's status as a member or manager, or in the course of the performance of the member's or the manager's right and obligations under the Amended and Restated Company Agreement; *provided, however*, that a member or manager is liable to other members or the company for damages caused by any act or omission resulting from the member's or the manager's fraud, gross negligence, willful misconduct, or intentional breach of any provision of the Amended and Restated Company Agreement.

The preceding discussion of the company's Amended and Restated Company Agreement is not intended to be exhaustive and is qualified in its entirety by the reference to the Amended and Restated Company Agreement.

Item 21. Exhibits and Financial Statement Schedules.

Exhibits

A list of exhibits filed with this registration statement on Form S-4 is set forth on the Exhibit Index and is incorporated in this Item 21 by reference

Financial Statement Schedules

None. Financial statement schedules have been omitted since the required information is included in our consolidated financial statements incorporated by reference into this registration statement.

Item 22. Undertakings.

Each of the undersigned registrants 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 of 1933;
 - (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 Securities and Exchange Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
 - (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;
- (2) That, for the purpose of determining any liability under the Securities Act of 1933, 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 of 1933 to any purchaser, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. 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 first use, supersede or modify any statement that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or prospectus that was made in the registration statement or made in any such document immediately prior to such date of first use.
- (5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, in a primary offering of securities of the undersigned registrant pursuant to this 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.

Each of the undersigned registrants hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference into this 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.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 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 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 of 1933 and will be governed by the final adjudication of such issue.

Each of the undersigned registrants hereby undertakes to respond to requests for information that is incorporated by reference into this prospectus pursuant to Items 4, 10(b), 11, or 13 of Form S-4, within one business day of receipt of such request, and to send the incorporated documents by first class mail or other equally prompt means. This includes information contained in documents filed subsequent to the effective date of the registration statement through the date of responding to the request.

Each of the undersigned registrants hereby undertakes to supply by means of post-effective amendment all information concerning a transaction, and the company being acquired involved therein, that was not the subject of and included in the registration statement when it became effective.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Fort Worth, State of Texas, on August 9, 2017.

RANGE RESOURCES CORPORATION

By: /s/ Jeffrey L. Ventura

Jeffrey L. Ventura Chairman of the Board, President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Jeffrey L. Ventura, David P. Poole, Roger S. Manny and Dori A. Ginn and each of them individually, his/her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him/her and in his/her name, place and stead, in any and all capacities, to sign this Registration Statement and any and all amendments (including pre-and post-effective amendments) to this Registration Statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he/she might or could do in person, hereby ratifying and confirming all that each of said attorneys-in-fact and agents or their substitute or substitutes may lawfully do or cause to be done by virtue hereof.

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

Signature	Title	Date
/s/ Jeffrey L. Ventura Jeffrey L. Ventura	Chairman of the Board, President and Chief Executive Officer (Principal Executive Officer)	August 9, 2017
/s/ Roger S. Manny Roger S. Manny	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	August 9, 2017
/s/ Dori A. Ginn Dori A. Ginn	Senior Vice President, Controller and Principal Accounting Officer (PAO)	August 9, 2017
/s/ Brenda A. Cline Brenda A. Cline	Director	August 9, 2017
/s/ Anthony V. Dub Anthony V. Dub	Director	August 9, 2017
/s/ Allen Finkelson Allen Finkelson	Director	August 9, 2017
/s/ James M. Funk James M. Funk	Lead Independent Director	August 9, 2017

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Signature	Title	Date
/s/ Christopher A. Helms Christopher A. Helms	Director	August 9, 2017
/s/ Robert A. Innamorati Robert A. Innamorati	Director	August 9, 2017
/s/ Mary Ralph Lowe Mary Ralph Lowe	Director	August 9, 2017
/s/ Gregory G. Maxwell Gregory G. Maxwell	Director	August 9, 2017
/s/ Kevin S. McCarthy Kevin S. McCarthy	Director	August 9, 2017
/s/ Steffen E. Palko Steffen E. Palko	Director	August 9, 2017

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Pursuant to the requirements of the Securities Act of 1933, each registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Fort Worth, State of Texas, on August 9, 2017.

ENERGY ASSETS OPERATING COMPANY, LLC RANGE ENERGY SERVICES COMPANY, LLC RANGE PRODUCTION COMPANY, LLC RANGE RESOURCES—APPALACHIA, LLC RANGE RESOURCES—MIDCONTINENT, LLC RANGE LOUISIANA OPERATING, LLC

By: /s/ Jeffrey L. Ventura

Jeffrey L. Ventura President and Chief Executive Officer

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Jeffrey L. Ventura, David P. Poole, Roger S. Manny and Dori A. Ginn and each of them individually, his/her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him/her and in his/her name, place and stead, in any and all capacities, to sign this Registration Statement and any and all amendments (including pre-and post-effective amendments) to this Registration Statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he/she might or could do in person, hereby ratifying and confirming all that each of said attorneys-in-fact and agents or their substitute or substitutes may lawfully do or cause to be done by virtue hereof.

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

Signature	Title	Date
/s/ Jeffrey L. Ventura Jeffrey L. Ventura	President, Chief Executive Officer and Manager (Principal Executive Officer)	August 9, 2017
/s/ Roger S. Manny Roger S. Manny	Executive Vice President, Chief Financial Officer and Manager (Principal Financial Officer)	August 9, 2017
/s/ Dori A. Ginn Dori A. Ginn	Senior Vice President, Controller and Principal Accounting Officer (PAO)	August 9, 2017
/s/ Ray N. Walker, Jr. Ray N. Walker, Jr.	Executive Vice President, Chief Operating Officer and Manager	August 9, 2017

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Pursuant to the requirements of the Securities Act of 1933, each registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Fort Worth, State of Texas, on August 9, 2017.

RANGE RESOURCES—LOUISIANA, INC. RANGE RESOURCES—PINE MOUNTAIN, INC.

By: <u>/s/ Jeffrey L. Ventura</u>

Jeffrey L. Ventura President and Chief Executive Officer

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Jeffrey L. Ventura, David P. Poole, Roger S. Manny and Dori A. Ginn and each of them individually, his/her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him/her and in his/her name, place and stead, in any and all capacities, to sign this Registration Statement and any and all amendments (including pre-and post-effective amendments) to this Registration Statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he/she might or could do in person, hereby ratifying and confirming all that each of said attorneys-in-fact and agents or their substitute or substitutes may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Jeffrey L. Ventura Jeffrey L. Ventura	President, Chief Executive Officer and Director (Principal Executive Officer)	August 9, 2017
/s/ Roger S. Manny Roger S. Manny	Executive Vice President, Chief Financial Officer and Director (Principal Financial Officer)	August 9, 2017
/s/ Dori A. Ginn Dori A. Ginn	Senior Vice President, Controller and Principal Accounting Officer (PAO)	August 9, 2017
/s/ Ray N. Walker, Jr. Ray N. Walker, Jr.	Executive Vice President, Chief Operating Officer and Director	August 9, 2017

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EXHIBIT INDEX

Exhibit Number	Description
4.1	Indenture, by and among Range Resources Corporation (the "Company"), the guarantors named therein and U.S. Bank National Association, as trustee, dated as of September 16, 2016, in respect of the Company's 5.75% Senior Notes due 2021 (including the form of the 5.75% Senior Notes due 2021) (incorporated by reference to Exhibit 4.1 of the Company's Current Report on Form 8-K filed September 19, 2016)

- 4.2 Form of 5.75% Senior Note due 2021 (included in Exhibit 4.1 hereto)
- 4.3 Registration Rights Agreement, by and among the Company, the guarantors named therein, and Merrill Lynch, Pierce, Fenner & Smith Incorporated, Citigroup Global Markets Inc. and J.P. Morgan Securities LLC, as dealer managers (the "Dealer Managers"), dated as of September 16, 2016, in respect of the Company's 5.75% Senior Notes due 2021 (incorporated by reference to Exhibit 4.5 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.4 Indenture, by and among the Company, the guarantors named therein and U.S. Bank National Association, as trustee, dated as of September 16, 2016, in respect of the Company's 5.875% Senior Notes due 2022 (including the form of the 5.875% Senior Notes due 2022) (incorporated by reference to Exhibit 4.4 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.5 Form of 5.875% Senior Note due 2022 (included in Exhibit 4.4 hereto)
- 4.6 Registration Rights Agreement, by and among the Company, the guarantors named therein and the Dealer Managers, dated as of September 16, 2016, in respect of the Company's 5.875% Senior Notes due 2022 (incorporated by reference to Exhibit 4.8 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.7 Indenture, by and among the Company, the guarantors named therein and U.S. Bank National Association, as trustee, dated as of September 16, 2016, in respect of the Company's 5.00% Senior Notes due 2022 (including the form of the 5.00% Senior Notes due 2022) (incorporated by reference to Exhibit 4.2 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.8 Form of 5.00% Senior Note due 2022 (included in Exhibit 4.7 hereto)
- 4.9 Registration Rights Agreement, by and among the Company, the guarantors named therein and the Dealer Managers, dated as of September 16, 2016, in respect of the Company's 5.00% Senior Notes due 2022 (incorporated by reference to Exhibit 4.6 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.10 Indenture, by and among the Company, the guarantors named therein and U.S. Bank National Association, as trustee, dated as of September 16, 2016, in respect of the Company's 5.00% Senior Notes due 2023 (including the form of the 5.00% Senior Notes due 2023) (incorporated by reference to Exhibit 4.3 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 4.11 Form of 5.00% Senior Note due 2023 (included in Exhibit 4.10 hereto)
- 4.12 Registration Rights Agreement, by and among the Company, the guarantors named therein and the Dealer Managers, dated as of September 16, 2016, in respect of the Company's 5.00% Senior Notes due 2023 (incorporated by reference to Exhibit 4.7 of the Company's Current Report on Form 8-K filed September 19, 2016)
- 5.1 Opinion of Sidley Austin LLP
- 12.1 Statement of computation of ratios of earnings to fixed charges
- 23.1 Consent of Ernst & Young LLP, independent registered public accounting firm for the Company
- 23.2 Consent of KPMG LLP, independent registered public accounting firm for Memorial Resource Development Corp.

Exhibit Number	Description
23.3	Consent of Wright & Company, Inc., independent petroleum engineering firm for the Company
23.4	Consent of Netherland, Sewell & Associates, Inc., independent petroleum engineering firm for the Company
23.5	Consent of Sidley Austin LLP (included in Exhibit 5.1)
24.1	Power of Attorney (included on the signature page to this registration statement)
25.1	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, for U.S. Bank National Association, as trustee with respect to the Indenture governing the 5.75% Senior Notes due 2021
25.2	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, for U.S. Bank National Association, as trustee with respect to the Indenture governing the 5.875% Senior Notes due 2022
25.3	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, for U.S. Bank National Association, as trustee with respect to the Indenture governing the 5.00% Senior Notes due 2022
25.4	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939, as amended, for U.S. Bank National Association, as trustee with respect to the Indenture governing the 5.00% Senior Notes due 2023
99.1	Form of Letter of Transmittal
99.2	Form of Letter to Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees
99.3	Form of Letter to Clients
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SIDLEY AUSTIN LLP 1000 LOUISIANA STREET SUITE 6000 HOUSTON, TX 77002 +1 713 495 4500 +1 713 495 7799

AMERICA • ASIA PACIFIC • EUROPE

August 9, 2017

Range Resources Corporation 100 Throckmorton Street, Suite 1200 Fort Worth, Texas 76102

> Re: <u>5.75% Senior Notes due 2021; 5.875% Senior Notes due 2022;</u> 5.00% Senior Notes due 2022; 5.00% Senior Notes due 2023

Ladies and Gentlemen:

We refer to the Registration Statement on Form S-4 (the "Registration Statement") being filed by Range Resources Corporation, a Delaware corporation (the "Company"), and the subsidiaries of the Company listed in Schedule I hereto (the "Guarantors") with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), relating to the registration of (i) \$475,952,000 aggregate principal amount of the Company's 5.75% Senior Notes Due 2021 (the "New 2021 Notes") and the related guarantees of the New 2021 Notes (the "New 2021 Guarantees") by the Guarantors, which are to be offered in exchange for an equivalent aggregate principal amount of the Company's outstanding 5.75% Senior Notes Due 2021 (the "Old 2021 Notes") and the related guarantees of the Old 2021 Notes (the "Old 2021 Guarantees") by the Guarantors, (ii) \$329,244,000 aggregate principal amount of the Company's 5.875% Senior Notes Due 2022 (the "New 5.875 % 2022 Notes") and the related guarantees of the New 5.875 % 2022 Notes (the "New 5.875% 2022 Guarantees") by the Guarantors, which are to be offered in exchange for an equivalent aggregate principal amount of the Company's outstanding 5.875% Senior Notes Due 2022 (the "Old 5.875% 2022 Notes") and the related guarantees of the Old 5.875% 2022 Notes (the "Old 5.875% 2022 Guarantees") by the Guarantors, (iii) \$580,032,000 aggregate principal amount of the Company's 5.00% Senior Notes Due 2022 (the "New 5.00 % 2022 Notes") and the related guarantees of the New 5.00 % 2022 Notes (the "New 5.00% 2022 Guarantees") by the Guarantors, which are to be offered in exchange for an equivalent aggregate principal amount of the Company's outstanding 5.00% Senior Notes Due 2022 (the "Old 5.00% 2022 Notes") and the related guarantees of the Old 5.00% 2022 Notes (the "Old 5.00% 2022 Guarantees") by the Guarantors, and (iv) \$741,531,000 aggregate principal amount of the Company's 5.00% Senior Notes Due 2023 (the "New 2023 Notes" and, together with the New 2021 Notes, the New 5.875% 2022 Notes and the New 5.00% 2022 Notes, the "New Notes") and the related guarantees of the New 2023 Notes (the "New 2023 Guarantees" and, together with the New 2021 Guarantees, the New 5.875% 2022 Guarantees and the New 5.00% 2022 Guarantees, the "New Guarantees") by the Guarantors, which are to be offered in exchange for an equivalent aggregate principal amount of the Company's outstanding 5.00% Senior Notes Due 2023 (the "Old 2023 Notes" and together with

Range Resources Corporation August 9, 2017 Page 2

the Old 2021 Notes, the Old 5.875% 2022 Notes and the Old 5.00% 2022 Notes, the "<u>Old Notes</u>") and the related guarantees of the Old 2023 Notes (the "<u>Old 2023 Guarantees</u>" and, together with the Old 2021 Guarantees, the Old 5.875% 2022 Guarantees and the Old 5.00% 2022 Guarantees, the "<u>Old Guarantees</u>") by the Guarantors.

The Old 2021 Notes and the Old 2021 Guarantees were, and the New 2021 Notes and the New 2021 Guarantees will be, issued under the 2021 Notes Indenture (as defined in the Registration Statement). The Old 5.875% 2022 Notes and the Old 5.875% 2022 Guarantees were, and the New 5.875% 2022 Guarantees will be, issued under the 5.875% 2022 Notes Indenture (as defined in the Registration Statement). The Old 5.00% 2022 Notes and the Old 5.00% 2022 Guarantees were, and the New 5.00% 2022 Notes and the New 5.00% 2022 Guarantees will be, issued under the 5.00% 2022 Notes and the Old 2023 Guarantees will be, issued under the 5.00% 2022 Notes Indenture (as defined in the Registration Statement). The Old 2023 Notes and the Old 2023 Guarantees were, and the New 2023 Notes and the New 2023 Guarantees were, and the New 2023 Notes Indenture, the 5.00% 2022 Notes Indenture and the 2023 Notes Indenture are collectively referred to as the "Indentures" and each, an "Indenture").

This opinion letter is being delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

We have examined the Registration Statement, the Indentures (including the forms of the New Notes) and the resolutions adopted by the board of directors of the Company relating to the Registration Statement, the Indentures and the issuance of Old Notes and the New Notes by the Company and the resolutions adopted by the board of managers, board of directors, sole member or sole stockholder, as the case may be, of each Guarantor relating to the Registration Statement, the applicable Indenture and the issuance by each Guarantor of the Old Guarantees and the New Guarantees. We have also examined originals, or copies of originals certified to our satisfaction, of such agreements, documents, certificates and statements of the Company and the Guarantors and other corporate documents and instruments, and have examined such questions of law, as we have considered relevant and necessary as a basis for this opinion letter. We have assumed the authenticity of all documents submitted to or obtained by us as originals, the genuineness of all signatures, the legal capacity of all persons and the conformity with the original documents of any copies thereof submitted to or obtained by us for examination. As to facts relevant to the opinions expressed herein, we have relied without independent investigation or verification upon, and assumed the accuracy and completeness of, certificates, letters and oral and written statements and representations of public officials and officers and other representatives of the Company and the Guarantors.

Based on and subject to the foregoing and the other assumptions, limitations and qualifications set forth herein, we are of the opinion that each series of New Notes will be validly issued and binding obligations of the Company and the New Guarantees of each series of New Notes by the Guarantors will be valid and binding obligations of the Guarantors when:

(i) the Registration Statement, as finally amended (if applicable), shall have become effective under the Securities Act and the applicable Indenture shall have been qualified under the Trust Indenture Act of 1939, as amended; and

Range Resources Corporation August 9, 2017 Page 3

(ii) such series of New Notes shall have been duly executed by authorized officers of the Company and authenticated by U.S. Bank National Association, as trustee under the applicable Indenture, all in accordance with the applicable Indenture, and shall have been duly delivered against surrender and cancellation of a like principal amount of the Old Notes of such series in the manner described in the Registration Statement.

Our opinion is subject to bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance, fraudulent transfer and other similar laws relating to or affecting creditors' rights generally and to general equitable principles (regardless of whether considered in a proceeding in equity or at law), including concepts of commercial reasonableness, good faith and fair dealing and the possible unavailability of specific performance or injunctive relief. Our opinion is also subject to (i) provisions of law which may require that a judgment for money damages rendered by a court in the United States of America be expressed only in United States dollars, (ii) requirements that a claim with respect to any Securities (as defined in the Indentures) or other obligations that are denominated or payable other than in United States dollars (or a judgment denominated or payable other than in United States dollars in respect of such claim) be converted into United States dollars at a rate of exchange prevailing on a date determined pursuant to applicable law and (iii) governmental authority to limit, delay or prohibit the making of payments outside of the United States of America or in a foreign currency.

For the purposes of this opinion letter, we have assumed that, at the time of the issuance and delivery of the New Notes and the New Guarantees:

(1) the performance by the Company and the Guarantors of the Indentures and the issuance, delivery and performance by the Company of the New Notes or by the Guarantors of the New Guarantees will not (A) contravene or violate the organizational documents of the Company or the Guarantors, as applicable, (B) violate any law, rule or regulation applicable to the Company or the Guarantors, (C) result in a default under or breach of any agreement or instrument binding upon the Company or the Guarantors or any order, judgment or decree of any court or governmental authority applicable to the Company or the Guarantors or (D) require any authorization, approval or other action by, or notice to or filing with, any court or governmental authority (other than such authorizations, approvals, actions, notices or filings which shall have been obtained or made, as the case may be, and which shall be in full force and effect); and

(2) there will not have occurred any change in law affecting the validity, legally binding character or enforceability of the Indentures, the New Notes or the New Guarantees.

With respect to each instrument or agreement referred to in or otherwise relevant to the opinions set forth herein (each, an "<u>Instrument</u>"), we have assumed, to the extent relevant to the opinions set forth herein, that (i) each party to such Instrument (if not a natural person) was duly organized or formed, as the case may be, and was at all relevant times and is validly existing and in good standing under the laws of its jurisdiction of organization or formation, as the case may be, and had at all relevant times and has full right, power and authority to execute, deliver and perform its obligations under such Instrument, (ii) such Instrument has been duly authorized, executed and delivered by each party thereto and (iii) such Instrument was at all times and is a valid, binding and enforceable agreement or obligation, as the case may be, of each party Range Resources Corporation August 9, 2017 Page 4

thereto; <u>provided</u> that we make no such assumption in clause (i), (ii) or (iii) insofar as such assumption relates to the Company or the Guarantors. We have also assumed that no event has occurred or will occur that would cause the release of the New Guarantees by any Guarantor under the terms of the Indentures.

This opinion letter is limited to the laws of the State of New York (excluding the securities laws of such State). We express no opinion as to the laws, rules or regulations of any other jurisdiction, including, without limitation, the federal laws of the United States of America or any state securities or blue sky laws, or as to the municipal laws or the laws, rules or regulations of any local agencies or governmental authorities of or within the State of New York, or in each case as to any matters arising thereunder or relating thereto.

We hereby consent to the filing of this opinion letter as an exhibit to the Registration Statement and to all references to our Firm included in or made a part of the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Sidley Austin LLP

<u>Schedule I</u>

Name of Guarantor	State of Incorporation or Formation
Energy Assets Operating Company, LLC	Delaware
Range Energy Services Company, LLC	Delaware
Range Production Company, LLC	Delaware
Range Resources—Appalachia, LLC	Delaware
Range Resources—Louisiana Inc.	Delaware
Range Resources—Midcontinent, LLC	Delaware
Range Resources—Pine Mountain, Inc	Delaware
Range Louisiana Operating, LLC	Delaware

Range Resources Corporation

Statement of Computation of Ratios of Earnings to Fixed Charges (in thousands, except ratios)

	Six Months Ended June 30, 2017		For the Year Ended December 31, 2016 2015 2014 2013 2012				
Fixed Charges		2017	2010	2015	2014	2015	2012
Interest expense	\$	95,027	\$ 168,213	\$ 166,439	\$ 168,977	\$176,557	\$168,798
Amortization of premiums and discounts(1)							
Amortization of capitalized expenses relating to debt(1)				—		—	
Interest within rental expense		3,377	4,620	5,247	4,389	4,323	4,554
Total fixed charges		98,404	\$ 172,833	\$ 171,686	\$ 173,366	\$180,880	\$173,352
<u>Earnings</u>							
Pre-tax income (loss) from continuing operations before equity							
investees	\$	409,707	\$(802,138)	\$(1,052,362)	\$1,030,885	\$149,579	\$ 25,056
Add:							
Fixed charges		98,404	172,833	171,686	173,366	180,880	173,352
Distributed income of equity investees					5,897	5,201	12,750
Income from equity investees arising from guarantees			—	—	277	(462)	372
Earnings	\$	508,111	\$(629,305)	\$ (880,676)	\$1,210,425	\$335,198	\$211,530
Ratio of Earnings to Fixed Charges		5.2x	*	*	7.0x	1.9x	1.2x

(1) Amortization of premiums and discounts is included in interest expense.

* Earnings were inadequate to cover fixed charges for the year ended December 31, 2016 by \$802.1 million and for the year December 31, 2015 by \$1.0 billion.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the reference to our firm under the caption "Experts" in the Registration Statement on Form S-4 and related Prospectus of Range Resources Corporation for the registration of \$475,952,000 of 5.75% Senior Notes due 2021, \$329,244,000 of 5.875% Senior Notes due 2022, \$580,032,000 of 5.00% Senior Notes due 2022 and \$741,531,000 of 5.00% Senior Notes due 2023 and guarantees of \$475,952,000 of 5.75% Senior Notes due 2021, \$329,244,000 of 5.875% Senior Notes due 2022, \$580,032,000 of 5.00% Senior Notes due 2022 and \$741,531,000 of 5.00% Senior Notes due 2022 and to the incorporation by reference therein of our reports dated February 22, 2017, with respect to the consolidated financial statements of Range Resources Corporation, and the effectiveness of internal control over financial reporting of Range Resources Corporation, included in its Annual Report (Form 10-K) for the year ended December 31, 2016, filed with the Securities and Exchange Commission.

/s/ ERNST & YOUNG LLP

Fort Worth, Texas August 9, 2017

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders Range Resources Corporation:

We consent to the incorporation by reference in this registration statement of Range Resources Corporation on Form S-4, of our report dated July 28, 2016, with respect to the consolidated balance sheets of Memorial Resource Development Corp. and subsidiaries as of December 31, 2015 and 2014, the related consolidated statements of operations, equity, and cash flows for the year ended December 31, 2015, and the related consolidated and combined statements of operations, equity, and cash flows for the two-year period ended December 31, 2014, which report appears in the Current Report on Form 8-K of Range Resources Corporation filed on September 19, 2016, and to the reference to our firm under the heading "Experts" in the prospectus.

As discussed in Note 1 to the consolidated and combined financial statements of Memorial Resource Development Corp. and subsidiaries, the statements of operations, equity, and cash flows for each of the years in the two-year period ended December 31, 2014, have been prepared on a combined basis of accounting.

As discussed in Note 1 and Note 2 to the consolidated and combined financial statements, Memorial Resource Development Corp. changed its method of accounting for debt issuance costs effective January 1, 2014 due to the adoption of FASB ASU 2015-03, *Simplifying the Presentation of Debt Issuance Costs*. Additionally, as discussed in Note 1 and Note 2 to the consolidated and combined financial statements, Memorial Resource Development Corp. changed its method of accounting for deferred income taxes effective January 1, 2014 due to the adoption of FASB ASU 2015-17, *Balance Sheet Classification of Deferred Taxes*.

/s/ KPMG LLP

Houston, Texas August 9, 2017

CONSENT OF WRIGHT & COMPANY, INC.

We hereby consent to the incorporation by reference in this Registration Statement on Form S-4 of Range Resources Corporation (the "Registration Statement") of the Range Resources Corporation Annual Report on Form 10-K for the year ended December 31, 2016, which uses the name Wright & Company, Inc., refers to Wright & Company, Inc., and includes information from our report prepared for Range Resources Corporation. We further consent to the use of our name in the "Experts" section of the Registration Statement.

Wright & Company, Inc. TX Reg. No. F-12302

By: /s/ D. Randall Wright

D. Randall Wright President

Brentwood, Tennessee August 9, 2017

CONSENT OF INDEPENDENT PETROLEUM ENGINEERS AND GEOLOGISTS

We hereby consent to the inclusion in or incorporation by reference into this Registration Statement on Form S-4 of Range Resources Corporation, of our report, dated January 23, 2017, with respect to our audit of estimates of proved reserves and future net revenues to Range Resources' interest, as of December 31, 2016. We also hereby consent to all references to our firm or such report included in or incorporated by reference into such Registration Statement.

NETHERLAND, SEWELL & ASSOCIATES, INC.

By: /s/ C.H. (Scott) Rees III

C.H. (Scott) Rees III, P.E. Chairman and Chief Executive Officer

Dallas, Texas August 9, 2017

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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)

U.S. BANK NATIONAL ASSOCIATION

(Exact name of Trustee as specified in its charter)

31-0841368 I.R.S. Employer Identification No.

800 Nicollet Mall Minneapolis, Minnesota (Address of principal executive offices)

55402 (Zip Code)

Israel Lugo U.S. Bank National Association 13737 Noel Road, Suite 800 Dallas, Texas 75240 (972) 581-1623 (Name, address and telephone number of agent for service)

> **Range Resources Corporation** (Issuer with respect to the Securities)

Delaware (State or other jurisdiction of incorporation or organization)

100 Throckmorton Street, Suite 1200 Fort Worth, TX (Address of Principal Executive Offices) 34-1312571 (I.R.S. Employer Identification No.)

> 76102 (Zip Code)

5.75% Senior Notes due 2021 (Title of the Indenture Securities)

<u>FORM T-1</u>

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.	
		Comptroller of the Currency Washington, D.C.	
	b)	Whether it is authorized to exercise corporate trust powers.	
		Yes	
Item 2.	AFFII	LIATIONS WITH OBLIGOR. If the obligor is an affiliate of the Trustee, describe each such affiliation.	
		None	
Items 3-15		8-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the e acts as Trustee.	
Item 16.	LIST	OF EXHIBITS: List below all exhibits filed as a part of this statement of eligibility and qualification.	
	1.	A copy of the Articles of Association of the Trustee.*	
	2.	A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.	
	3.	A copy of the certificate of authority of the Trustee to exercise corporate trust powers, attached as Exhibit 3.	
	4.	A copy of the existing bylaws of the Trustee.**	
	5.	A copy of each Indenture referred to in Item 4. Not applicable.	
	6.	The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 6.	
	7.	Report of Condition of the Trustee as of March 31, 2017 published pursuant to law or the requirements of its supervising or examining authority, attached as Exhibit 7.	

- * Incorporated by reference to Exhibit 25.1 to Amendment No. 2 to registration statement on S-4, Registration Number 333-128217 filed on November 15, 2005.
- ** Incorporated by reference to Exhibit 25.1 to registration statement on form S-3ASR, Registration Number 333-199863 filed on November 5, 2014.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the Trustee, U.S. BANK NATIONAL ASSOCIATION, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility and qualification to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Dallas, State of Texas on the 8th of August, 2017.

By: /s/ Israel A. Lugo

Israel A. Lugo Vice President



Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF CORPORATE EXISTENCE

I, Thomas J. Curry, Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.

2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.

October 28, 2016, I have hereunto subscribed my name and caused my seal of office to be affixed to these presents at the U.S. Department of the Treasury, in the City of Washington, District of

IN TESTIMONY WHEREOF, today,

Columbia.

Comptroller of the Currency





Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATION OF FIDUCIARY POWERS

I, Thomas J. Curry, Comptroller of the Currency, do hereby certify that:

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2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), was granted, under the hand and seal of the Comptroller, the right to act in all fiduciary capacities authorized under the provisions of the Act of Congress approved September 28, 1962, 76 Stat. 668, 12 USC 92a, and that the authority so granted remains in full force and effect on the date of this certificate.

IN TESTIMONY WHEREOF, today,

October 28, 2016, I have hereunto

subscribed my name and caused my seal of

office to be affixed to these presents at the

U.S. Department of the Treasury, in the City

of Washington, District of Columbia.

Comptroller of the Currency



<u>Exhibit 6</u>

CONSENT

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: August 8, 2017

By: /s/ Israel A. Lugo

Israel A. Lugo Vice President

<u>Exhibit 7</u> U.S. Bank National Association Statement of Financial Condition As of 6/30/2017

(\$000's)

	6/30/2017
Assets	
Cash and Balances Due From Depository Institutions	\$ 28,930,463
Securities	110,114,701
Federal Funds	51,218
Loans & Lease Financing Receivables	276,413,785
Fixed Assets	4,477,993
Intangible Assets	12,859,050
Other Assets	24,062,996
Total Assets	\$456,910,206
Liabilities	
Deposits	\$357,756,287
Fed Funds	998,184
Treasury Demand Notes	0
Trading Liabilities	878,885
Other Borrowed Money	33,876,373
Acceptances	0
Subordinated Notes and Debentures	3,800,000
Other Liabilities	12,866,522
Total Liabilities	\$410,176,251
Equity	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	31,649,555
Minority Interest in Subsidiaries	799,285
Total Equity Capital	\$ 46,733,955
Total Liabilities and Equity Capital	\$456,910,206

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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)

U.S. BANK NATIONAL ASSOCIATION

(Exact name of Trustee as specified in its charter)

31-0841368 I.R.S. Employer Identification No.

800 Nicollet Mall Minneapolis, Minnesota (Address of principal executive offices)

55402 (Zip Code)

Israel Lugo U.S. Bank National Association 13737 Noel Road, Suite 800 Dallas, Texas 75240 (972) 581-1623 (Name, address and telephone number of agent for service)

> **Range Resources Corporation** (Issuer with respect to the Securities)

Delaware (State or other jurisdiction of incorporation or organization)

100 Throckmorton Street, Suite 1200 Fort Worth, TX (Address of Principal Executive Offices) 34-1312571 (I.R.S. Employer Identification No.)

> 76102 (Zip Code)

5.875% Senior Notes due 2022 (Title of the Indenture Securities)

<u>FORM T-1</u>

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.	
		Comptroller of the Currency Washington, D.C.	
	b)	Whether it is authorized to exercise corporate trust powers.	
		Yes	
Item 2.	AFFII	LIATIONS WITH OBLIGOR. If the obligor is an affiliate of the Trustee, describe each such affiliation.	
		None	
Items 3-15		8-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the e acts as Trustee.	
Item 16.	LIST	OF EXHIBITS: List below all exhibits filed as a part of this statement of eligibility and qualification.	
	1.	A copy of the Articles of Association of the Trustee.*	
	2.	A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.	
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	6.	The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 6.	
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SIGNATURE

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By: /s/ Israel A. Lugo

Israel A. Lugo Vice President



Office of the Comptroller of the Currency

Washington, DC 20219

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2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.

IN TESTIMONY WHEREOF, today,

October 28, 2016, I have hereunto subscribed my name and caused my seal of office to be affixed to these presents at the U.S. Department of the Treasury, in the City of Washington, District of

Columbia.

4

Comptroller of the Currency



Office of the Comptroller of the Currency

Washington, DC 20219

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Comptroller of the Currency

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By: /s/ Israel A. Lugo

Israel A. Lugo Vice President

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Intangible Assets	12,859,050
Other Assets	24,062,996
Total Assets	\$456,910,206
Liabilities	
Deposits	\$357,756,287
Fed Funds	998,184
Treasury Demand Notes	0
Trading Liabilities	878,885
Other Borrowed Money	33,876,373
Acceptances	0
Subordinated Notes and Debentures	3,800,000
Other Liabilities	12,866,522
Total Liabilities	\$410,176,251
Equity	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	31,649,555
Minority Interest in Subsidiaries	799,285
Total Equity Capital	\$ 46,733,955
Total Liabilities and Equity Capital	\$456,910,206

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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(Exact name of Trustee as specified in its charter)

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55402 (Zip Code)

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Delaware (State or other jurisdiction of incorporation or organization)

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> 76102 (Zip Code)

5.00% Senior Notes due 2022 (Title of the Indenture Securities)

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		Comptroller of the Currency Washington, D.C.
	b)	Whether it is authorized to exercise corporate trust powers.
		Yes
Item 2.	AFFII	LIATIONS WITH OBLIGOR. If the obligor is an affiliate of the Trustee, describe each such affiliation.
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By: /s/ Israel A. Lugo

Israel A. Lugo Vice President



Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF CORPORATE EXISTENCE

I, Thomas J. Curry, Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.

2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.

IN TESTIMONY WHEREOF, today,

October 28, 2016, I have hereunto

subscribed my name and caused my seal

of office to be affixed to these presents at

the U.S. Department of the Treasury, in

the City of Washington, District of

Columbia.

Comptroller of the Currency





Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATION OF FIDUCIARY POWERS

I, Thomas J. Curry, Comptroller of the Currency, do hereby certify that:

1. The Office of the Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.

2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), was granted, under the hand and seal of the Comptroller, the right to act in all fiduciary capacities authorized under the provisions of the Act of Congress approved September 28, 1962, 76 Stat. 668, 12 USC 92a, and that the authority so granted remains in full force and effect on the date of this certificate.

IN TESTIMONY WHEREOF, today,

October 28, 2016, I have hereunto

subscribed my name and caused my seal of

office to be affixed to these presents at the

U.S. Department of the Treasury, in the City

of Washington, District of Columbia.

Comptroller of the Currency



<u>Exhibit 6</u>

CONSENT

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: August 8, 2017

By: /s/ Israel A. Lugo

Israel A. Lugo Vice President

<u>Exhibit 7</u> U.S. Bank National Association Statement of Financial Condition As of 6/30/2017

(\$000's)

	6/30/2017
Assets	
Cash and Balances Due From Depository Institutions	\$ 28,930,463
Securities	110,114,701
Federal Funds	51,218
Loans & Lease Financing Receivables	276,413,785
Fixed Assets	4,477,993
Intangible Assets	12,859,050
Other Assets	24,062,996
Total Assets	\$456,910,206
Liabilities	
Deposits	\$357,756,287
Fed Funds	998,184
Treasury Demand Notes	0
Trading Liabilities	878,885
Other Borrowed Money	33,876,373
Acceptances	0
Subordinated Notes and Debentures	3,800,000
Other Liabilities	12,866,522
Total Liabilities	\$410,176,251
Equity	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	31,649,555
Minority Interest in Subsidiaries	799,285
Total Equity Capital	\$ 46,733,955
Total Liabilities and Equity Capital	\$456,910,206

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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)

U.S. BANK NATIONAL ASSOCIATION

(Exact name of Trustee as specified in its charter)

31-0841368 I.R.S. Employer Identification No.

800 Nicollet Mall Minneapolis, Minnesota (Address of principal executive offices)

55402 (Zip Code)

Israel Lugo U.S. Bank National Association 13737 Noel Road, Suite 800 Dallas, Texas 75240 (972) 581-1623 (Name, address and telephone number of agent for service)

> **Range Resources Corporation** (Issuer with respect to the Securities)

Delaware (State or other jurisdiction of incorporation or organization)

100 Throckmorton Street, Suite 1200 Fort Worth, TX (Address of Principal Executive Offices) 34-1312571 (I.R.S. Employer Identification No.)

> 76102 (Zip Code)

5.00% Senior Notes due 2023 (Title of the Indenture Securities)

<u>FORM T-1</u>

Item 1.	GENE	RAL INFORMATION. Furnish the following information as to the Trustee.
	a)	Name and address of each examining or supervising authority to which it is subject.
		Comptroller of the Currency Washington, D.C.
	b)	Whether it is authorized to exercise corporate trust powers.
		Yes
Item 2.	AFFII	JATIONS WITH OBLIGOR. If the obligor is an affiliate of the Trustee, describe each such affiliation.
		None
Items 3-15		8-15 are not applicable because to the best of the Trustee's knowledge, the obligor is not in default under any Indenture for which the e acts as Trustee.
Item 16.	LIST	DF EXHIBITS: List below all exhibits filed as a part of this statement of eligibility and qualification.
	1.	A copy of the Articles of Association of the Trustee.*
	2.	A copy of the certificate of authority of the Trustee to commence business, attached as Exhibit 2.
	3.	A copy of the certificate of authority of the Trustee to exercise corporate trust powers, attached as Exhibit 3.
	4.	A copy of the existing bylaws of the Trustee.**
	5.	A copy of each Indenture referred to in Item 4. Not applicable.
	6.	The consent of the Trustee required by Section 321(b) of the Trust Indenture Act of 1939, attached as Exhibit 6.
	7.	Report of Condition of the Trustee as of March 31, 2017 published pursuant to law or the requirements of its supervising or examining authority, attached as Exhibit 7.

- * Incorporated by reference to Exhibit 25.1 to Amendment No. 2 to registration statement on S-4, Registration Number 333-128217 filed on November 15, 2005.
- ** Incorporated by reference to Exhibit 25.1 to registration statement on form S-3ASR, Registration Number 333-199863 filed on November 5, 2014.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the Trustee, U.S. BANK NATIONAL ASSOCIATION, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility and qualification to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Dallas, State of Texas on the 8th of August, 2017.

By: /s/ Israel A. Lugo

Israel A. Lugo Vice President



Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATE OF CORPORATE EXISTENCE

I, Thomas J. Curry, Comptroller of the Currency, do hereby certify that:

1. The Comptroller of the Currency, pursuant to Revised Statutes 324, et seq, as amended, and 12 USC 1, et seq, as amended, has possession, custody, and control of all records pertaining to the chartering, regulation, and supervision of all national banking associations.

2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), is a national banking association formed under the laws of the United States and is authorized thereunder to transact the business of banking on the date of this certificate.

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October 28, 2016, I have hereunto

subscribed my name and caused my seal

of office to be affixed to these presents at

the U.S. Department of the Treasury, in

the City of Washington, District of

Columbia.

Comptroller of the Currency





Office of the Comptroller of the Currency

Washington, DC 20219

CERTIFICATION OF FIDUCIARY POWERS

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2. "U.S. Bank National Association," Cincinnati, Ohio (Charter No. 24), was granted, under the hand and seal of the Comptroller, the right to act in all fiduciary capacities authorized under the provisions of the Act of Congress approved September 28, 1962, 76 Stat. 668, 12 USC 92a, and that the authority so granted remains in full force and effect on the date of this certificate.

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October 28, 2016, I have hereunto

subscribed my name and caused my seal of

office to be affixed to these presents at the

U.S. Department of the Treasury, in the City

of Washington, District of Columbia.

Comptroller of the Currency



<u>Exhibit 6</u>

CONSENT

In accordance with Section 321(b) of the Trust Indenture Act of 1939, the undersigned, U.S. BANK NATIONAL ASSOCIATION hereby consents that reports of examination of the undersigned by Federal, State, Territorial or District authorities may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Dated: August 8, 2017

By: /s/ Israel A. Lugo

Israel A. Lugo Vice President

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	6/30/2017
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Other Assets	24,062,996
Total Assets	\$456,910,206
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Deposits	\$357,756,287
Fed Funds	998,184
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Trading Liabilities	878,885
Other Borrowed Money	33,876,373
Acceptances	0
Subordinated Notes and Debentures	3,800,000
Other Liabilities	12,866,522
Total Liabilities	\$410,176,251
Equity	
Common and Preferred Stock	18,200
Surplus	14,266,915
Undivided Profits	31,649,555
Minority Interest in Subsidiaries	799,285
Total Equity Capital	\$ 46,733,955
Total Liabilities and Equity Capital	\$456,910,206

LETTER OF TRANSMITTAL

RANGE RESOURCES CORPORATION

OFFERS TO EXCHANGE

Any and all of its outstanding \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (which we refer to as the "Old 2021 Notes")

for

Up to \$475,952,000 aggregate principal amount of its 5.75% Senior Notes due 2021

that have been registered under the Securities Act of 1933 (which we refer to as the "New 2021 Notes")

and

Any and all of its outstanding \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022

(which we refer to as the "Old 5.875% 2022 Notes")

for

Up to \$329,244,000 aggregate principal amount of its 5.875% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.875% 2022 Notes")

e "Ne and

Any and all of its outstanding \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022

(which we refer to as the "Old 5.00% 2022 Notes")

for

Up to \$580,032,000 aggregate principal amount of its 5.00% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.00% 2022 Notes")

and

Any and all of its outstanding \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023

(which we refer to as the "Old 2023 Notes")

for

Up to \$741,531,000 aggregate principal amount of its 5.00% Senior Notes due 2023 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2023 Notes")

EACH EXCHANGE OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON , 2017, UNLESS EXTENDED BY RANGE RESOURCES CORPORATION.

The Exchange Agent for the Exchange Offers is:

U.S. Bank National Association

Delivery to:

U.S. Bank National Association As Exchange Agent

> By Facsimile Transmission: (651) 466-7372 Attention: Specialized Finance Department

By Hand, Overnight Delivery or Mail (Registered or Certified Mail Recommended): U.S. Bank National Association Corporate Trust Services Attention: Specialized Finance Department 111 Fillmore Avenue East St. Paul, Minnesota 55107

To confirm receipt or for more information, call: (800) 934-6802

DELIVERY OF THIS LETTER OF TRANSMITTAL TO AN ADDRESS, OR TRANSMISSION HEREOF VIA A FACSIMILE NUMBER, OTHER THAN AS SET FORTH ABOVE OR IN ACCORDANCE WITH THE INSTRUCTIONS HEREIN, WILL NOT CONSTITUTE VALID DELIVERY. YOU SHOULD READ THE INSTRUCTIONS ACCOMPANYING THIS LETTER OF TRANSMITTAL CAREFULLY BEFORE COMPLETING THIS LETTER OF TRANSMITTAL.

For each Old Note validly tendered and not validly withdrawn by the holder thereof prior to 5:00 p.m., New York City time, on the Expiration Date of the applicable Exchange Offer, and accepted for exchange by the Company, all on the terms and subject to the conditions set forth in this Letter of Transmittal and the Prospectus, the tendering holder will receive New Notes of the corresponding series in an aggregate principal amount equal to the aggregate principal amount of the Old Notes so tendered and accepted by the Company. Tenders of Old Notes may be withdrawn no later than 5:00 p.m., New York City time, on the Expiration Date by following the procedures set forth in the Prospectus and in this Letter of Transmittal.

This Letter of Transmittal is to be completed by a holder of Old Notes if certificates for such Old Notes are to be forwarded herewith and may be used if a tender is to be made by book-entry transfer of Old Notes to the account maintained by the Exchange Agent at The Depository Trust Company ("<u>DTC</u>") pursuant to DTC's Automated Tender Offer Program ("<u>ATOP</u>") and an Agent's Message (as defined below) is not delivered to the Exchange Agent. If Old Notes are tendered by book-entry transfer pursuant to DTC's ATOP procedures, the tendering holder may cause DTC to deliver an Agent's Message to the Exchange Agent in lieu of this Letter of Transmittal. The term "<u>Agent's Message</u>" means a computer-generated message, transmitted by DTC to and received by the Exchange Agent and forming a part of a Book-Entry Confirmation (as defined below), which states that the holder of the Old Notes acknowledges and agrees to be bound by the terms of this Letter of Transmittal. The term "<u>Book-Entry Confirmation</u>" means an electronic confirmation from DTC of the book-entry transfer of Old Notes into the Exchange Agent's account at DTC.

Delivery of documents to DTC does not constitute delivery to the Exchange Agent.

The method of delivery (whether physical or electronic) of Old Notes, Letters of Transmittal, Agent's Messages, Book-Entry Confirmations and all other required documents is at your risk and election, provided that Old Notes in book-entry form must be tendered through DTC's ATOP procedures. If such delivery is by mail, it is recommended that you use registered mail, properly insured, with return receipt requested. In all cases, you should allow sufficient time to assure timely delivery. You may request the broker, dealer, bank or other financial institution or nominee through which you may hold Old Notes to effect these transactions for you. No Letters of Transmittal, Old Notes or other documents should be sent to the Company.

The undersigned has completed the appropriate boxes below and signed this Letter of Transmittal to indicate the action the undersigned desires to take with respect to the applicable Exchange Offer.

List below the Old Notes to which this Letter of Transmittal relates. If the space provided below is inadequate, the certificate numbers and principal amount of Old Notes should be listed on a separate signed schedule affixed hereto.

DESCRIPTION OF OLD NOTES TENDERED				
1 Names and Address(es) of Certificate Holder(s) (Please fill in Certificate Number(s)*)	2 Principal Amount of Old 2021 Notes**	3 Principal Amount of Old 5.875% 2022 Notes**	4 Principal Amount of Old 5.00% 2022 Notes**	5 Principal Amount of Old 2023 Notes**

* Need not be completed if Existing Notes are being tendered by book-entry transfer.

** Unless otherwise indicated in this column, a holder will be deemed to have tendered ALL of the Old Notes represented by the Old Notes indicated in columns 2, 3, 4 and 5. See Instruction 2. Old Notes tendered hereby must be in minimum denominations of principal amount of \$2,000 and integral multiples of \$1,000 in excess thereof, and if any Old Note is tendered in part, the untendered portion of such Old Note must be a minimum denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof. See Instruction 1.

□ CHECK HERE IF TENDERED OLD NOTES ARE BEING DELIVERED BY BOOK-ENTRY TRANSFER MADE TO THE ACCOUNT MAINTAINED BY THE EXCHANGE AGENT WITH DTC AND COMPLETE THE FOLLOWING:

Name of Tendering Institution:

Account Number: _____

Transaction Code Number: _____

By causing DTC to credit the Old Notes being tendered to the Exchange Agent's account at DTC using ATOP and by complying with applicable ATOP procedures with respect to the applicable Exchange Offer, including causing DTC to transmit to the Exchange Agent an Agent's Message stating that the holder of the Old Notes acknowledges and agrees to be bound by the terms of this Letter of Transmittal, the participant in DTC tendering the Old Notes confirms on behalf of itself and each beneficial owners of such Old Notes all provisions of this Letter of Transmittal (including all representations, warranties and agreements) applicable to it and each such beneficial owner as fully as if it and each such beneficial owner had completed the information required herein and executed and delivered this Letter of Transmittal to the Exchange Agent.

□ CHECK HERE IF TENDERED OLD NOTES ARE ENCLOSED HEREWITH.

□ CHECK HERE IF YOU ARE A PARTICIPATING BROKER-DEALER(AS DEFINED BELOW) THAT, AS DESCRIBED IN THIS LETTER OF TRANSMITTAL, WILL BE REQUIRED TO DELIVER THE PROSPECTUS, AS AMENDED OR SUPPLEMENTED FROM TIME TO TIME, IN CONNECTION WITH RESALES OR OTHER TRANSFERS OF NEW NOTES RECEIVED IN THE APPLICABLE EXCHANGE OFFER AND YOU THEREFORE WISH TO RECEIVE 10 ADDITIONAL COPIES OF THE PROSPECTUS AND 10 COPIES OF ANY AMENDMENTS OR SUPPLEMENTS THERETO AND INDICATE THE NAME AND ADDRESS TO WHICH THOSE DOCUMENTS SHOULD BE DELIVERED; PROVIDED THAT, IF YOU HAVE SET FORTH AN EMAIL ADDRESS IN THE SPACE BELOW, YOU WILL BE DEEMED TO HAVE CONSENTED TO DELIVERY OF THE FOREGOING DOCUMENTS BY EMAIL, IN WHICH CASE ONE COPY OF EACH SUCH DOCUMENT WILL BE SENT TO YOU AT THE EMAIL ADDRESS YOU HAVE SET FORTH BELOW.

lame:
ddress:
elephone Number:

Email Address:

PLEASE READ THE ACCOMPANYING INSTRUCTIONS CAREFULLY

Ladies and Gentlemen:

1. Upon the terms and subject to the conditions of the applicable Exchange Offer, the undersigned hereby tenders to the Company the aggregate principal amount of Old Notes indicated above. Subject to, and effective upon, the acceptance for exchange of the Old Notes tendered hereby by the Company, the undersigned hereby sells, assigns and transfers to, or upon the order of, the Company all right, title and interest in and to such Old Notes as are being tendered hereby.

The undersigned hereby irrevocably constitutes and appoints the Exchange Agent as the undersigned's true and lawful agent and attorney-in-fact with respect to such tendered Old Notes (with full knowledge that the Exchange Agent also acts as the agent of the Company in connection with the Exchange Offers), with full power of substitution, without limitation, to assign, transfer and deliver the Old Notes, or cause the Old Notes to be assigned, transferred and delivered, to the Company, and to deliver all accompanying evidences of transfer and authenticity, and present such Old Notes for transfer on the books of the Company and to receive all benefits and otherwise exercise all rights of beneficial ownership of such Old Notes, all in accordance with the terms of the applicable Exchange Offer.

2. The undersigned hereby acknowledges, represents and warrants to and agrees with the Company that the undersigned and each beneficial owner of Old Notes tendered hereby has full right, power and authority to tender, sell, assign and transfer all right, title and interest in and to the Old Notes tendered hereby, and to acquire the New Notes issuable upon the exchange of such tendered Old Notes, and that, if and when such Old Notes are accepted by the Company for exchange, the Company will acquire good and unencumbered title thereto, free and clear of all liens, restrictions, charges and encumbrances and not subject to any adverse claim. The undersigned hereby further acknowledges, represents and warrants to, and agrees with, the Company that (i) neither the undersigned nor any beneficial owner of the Old Notes being tendered hereby is an "affiliate" (as defined in Rule 405 under the Securities Act of 1933, as amended (the "Securities Act")) of the Company; (ii) any New Notes received in the Exchange Offers by the undersigned or any beneficial owner of any Old Notes tendered hereby will be acquired by it in the ordinary course of its business; (iii) neither the undersigned nor any beneficial owner of Old Notes tendered hereby has any arrangement or understanding with any person to engage in, and neither the undersigned nor any such beneficial owner is engaged in or intends to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act; (iv) neither the undersigned nor any such beneficial owner is a broker-dealer that will receive New Notes in the Exchange Offers in exchange for Old Notes that it purchased from the Company for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act; and (v) if the undersigned or any such beneficial owner is a broker-dealer holding Old Notes acquired for its own account as a result of its market-making or other trading activities (a "Participating Broker-Dealer"), it will deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or other transfer of the New Notes it receives in exchange for such Old Notes pursuant to the Exchange Offers (provided, however, that by so acknowledging and by delivering (or making available as aforesaid) a prospectus, it will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act).

The undersigned acknowledges and agrees that, if the undersigned or any beneficial owner of Old Notes tendered hereby is unable to make the representations and warranties set forth in the immediately preceding paragraph or elsewhere in this Letter of Transmittal, or if the undersigned or any such beneficial owner is participating in any Exchange Offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in the applicable Exchange Offer, or if the undersigned or any such beneficial owner is a broker-dealer that will receive New Notes in any Exchange Offer in exchange for Old Notes that it acquired from the Company for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act, neither the undersigned nor any such beneficial owner will be permitted to tender its Old Notes in the related Exchange Offer. The undersigned, if it is not the beneficial owner of the Old Notes being tendered hereby, acknowledges and agrees that (1) all of the

representations, warranties, acknowledgements and agreements set forth herein are being made by it on its own behalf and on behalf of each such beneficial owner for the benefit of the Company and (2) it has full power to make the foregoing acknowledgements, representations and agreements on behalf of such beneficial owner.

3. The undersigned, on behalf of itself and each beneficial owner of any Old Notes tendered hereby, acknowledges and agrees that each Exchange Offer is being made in reliance on interpretations by the staff of the Securities and Exchange Commission (the "SEC"), as set forth in no-action letters issued to third parties and referred to in the Prospectus under the caption "The Exchange Offers—Resales of New Notes" and, as a result, the Company believes that, except as provided in the next sentence and in the next paragraph, the New Notes received pursuant to the Exchange Offers in exchange for the Old Notes may be offered for resale, resold and otherwise transferred by a holder thereof, without compliance with the registration and prospectus delivery provisions of the Securities Act, unless (1) such holder is an "affiliate" (as defined in Rule 405 under the Securities Act) of the Company, (2) the New Notes received by such holder in the applicable Exchange Offer will not be acquired by such holder in the ordinary course of its business; or (3) such holder has an arrangement or understanding with any person to engage in, or is engaged in or intends to engage in, the distribution (within the meaning of the Securities Act) of the New Notes in violation of the Securities Act. However, the undersigned, on behalf of itself and each beneficial owner of Old Notes tendered hereby, acknowledges and agrees that, if the undersigned or any such beneficial owner is a Participating Broker-Dealer holding Old Notes acquired for its own account as a result of market-making or other trading activities and who receives New Notes in exchange for such Old Notes in the Exchange Offers, it may be an "underwriter" within the meaning of the Securities Act and it must (and the undersigned, on behalf of itself and each such beneficial owner, acknowledges and agrees that it will) deliver (or, to the extent permitted by applicable law, make available) a prospectus meeting the requirements of the Securities Act to purchasers and other transferees in connection with any resale or other transfer of such New Notes. However, by so acknowledging and delivering a prospectus, a Participating Broker-Dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. The undersigned, on behalf of itself and each beneficial owner of Old Notes tendered hereby, further acknowledges and agrees that, if it is a Participating Broker-Dealer, it may use the Prospectus, as amended or supplemented from time to time, in connection with resales and other transfers of New Notes received for its own account in any Exchange Offer in exchange for Old Notes that it acquired for its own account as the result of market-making or other trading activities for a period of 180 days (subject to the Company's right to suspend use of the Prospectus under the circumstances described in the Prospectus under the caption "Plan of Distribution") after the Expiration Date of the applicable Exchange Offer, so long as such Participating Broker-Dealer has notified the Company by completing, executing and delivering this Letter of Transmittal to the Exchange Agent at the address set forth above prior to 5:00 p.m., New York City time, on the Expiration Date in which such broker-dealer indicates that it will use the Prospectus for such purpose by checking the appropriate box set forth above in this Letter of Transmittal.

The undersigned, on behalf of itself and each beneficial owner of Old Notes being tendered hereby, acknowledges and agrees that if the undersigned or any beneficial owner of the Old Notes being tendered falls into one or more of the categories set forth in clauses (1) through (3) of the immediately preceding paragraph, or if the undersigned or any such beneficial owner is participating in any Exchange Offer for the purpose of participating in a distribution (within the meaning of the Securities Act) of the New Notes to be acquired in that Exchange Offer, or if the undersigned or any such beneficial owner is a brokerdealer that will receive New Notes in that Exchange Offer in exchange for Old Notes that it acquired from the Company for resale pursuant to Rule 144A under the Securities Act or any other available exemption from registration under the Securities Act, (i) it will not be able to rely on the interpretations of the SEC staff set forth in the no-action letters mentioned above, (ii) it will not be permitted to tender Old Notes in that Exchange Offer, sale or other transfer of the Old Notes and (iv) any registration and prospectus delivery requirements of the Securities Act in connection with any offer, sale or other transfer of the Old Notes and (iv) any registration statement used in connection with such offer, sale or other transfer of Old Notes must contain the selling security holder information required by Item 507 of Regulation S-K under the Securities Act, and that failure to comply with such registration and prospectus delivery requirements may result in liability under the Securities Act and the Company will not be responsible for, or indemnify the undersigned or any such beneficial owner against, any such liability. The undersigned, on behalf of itself and each beneficial owner of Old Notes tendered hereby, acknowledges and agrees that each broker-dealer that receives New Notes for its own account pursuant to any Exchange Offer will be deemed to acknowledge and agree that it will deliver (or, to the extent permitted by applicable law, make available) to purchasers and other transferees a prospectus meeting the requirements of the Securities Act in connection with any resale or other transfer of such New Notes, but only Participating Broker-Dealers will be entitled, subject to the limitations described above, to use the Prospectus, as amended or supplemented from time to time, in connection with resales or other transfers of New Notes received in any Exchange Offer.

The undersigned and each beneficial owner of Old Notes tendered hereby is aware that the SEC has not considered the Exchange Offers in the context of a no-action letter and there can be no guarantee that the staff of the SEC would make a similar determination with respect to the Exchange Offers as in the circumstances described in the no-action letters referred to above.

4. The undersigned will, upon request, execute and deliver any additional documents deemed by the Company to be necessary or desirable to complete the tender, exchange, sale, assignment and transfer of the Old Notes tendered hereby or to further evidence the accuracy or performance of any of the representations, warranties, acknowledgements or agreements made by the undersigned herein. All authority conferred or agreed to be conferred in this Letter of Transmittal and every obligation and agreement hereunder of the undersigned and each beneficial owner of Old Notes tendered hereby shall survive the death, incapacity or dissolution of the undersigned and of any such beneficial owner and shall be binding upon the successors, assigns, heirs, executors, administrators, trustees in bankruptcy and personal and legal representatives of the undersigned and each such beneficial owner. This tender may be withdrawn only in accordance with the procedures set forth under the caption "The Exchange Offers—Withdrawal Rights" in the Prospectus and in Instruction 9 in this Letter of Transmittal.

5. Unless otherwise indicated herein in the box entitled "Special Issuance Instructions" below, please deliver the New Notes (and, if applicable, substitute certificates representing Old Notes for any Old Notes not exchanged) registered in the name of the undersigned or, in the case of a book-entry delivery of Old Notes, please credit the account indicated above maintained at DTC. Similarly, unless otherwise indicated under the box entitled "Special Delivery Instructions" below, please send the New Notes (and, if applicable, substitute certificates representing Old Notes for any Old Notes not exchanged) to the undersigned at the address shown above in the box entitled "Description of Old Notes Tendered" or, in the case of book-entry delivery of Old Notes, please credit the New Notes to the account indicated above maintained at DTC.

THE UNDERSIGNED, BY COMPLETING THE BOX ENTITLED "DESCRIPTION OF OLD NOTES TENDERED" ABOVE AND SIGNING THIS LETTER OF TRANSMITTAL, WILL BE DEEMED TO HAVE TENDERED THE OLD NOTES AS SET FORTH IN SUCH BOX ABOVE.

THE UNDERSIGNED ACKNOWLEDGES THAT THE EXCHANGE OFFERS ARE SUBJECT TO THE MORE DETAILED TERMS SET FORTH IN THE PROSPECTUS.

BY USING THE ATOP PROCEDURES TO TENDER OLD NOTES, THE UNDERSIGNED WILL NOT BE REQUIRED TO DELIVER THIS LETTER OF TRANSMITTAL PHYSICALLY TO THE EXCHANGE AGENT. HOWEVER, IN THAT CIRCUMSTANCE THE UNDERSIGNED WILL BE DEEMED TO AGREE TO BE BOUND BY THE TERMS OF THIS LETTER OF TRANSMITTAL AND TO HAVE MADE ALL OF THE REPRESENTATIONS, WARRANTIES, ACKNOWLEDGEMENTS AND AGREEMENTS SET FORTH HEREIN, BOTH ON BEHALF OF ITSELF AND ON BEHALF OF THE BENEFICIAL OWNERS OF THE OLD NOTES BEING TENDERED.

IMPORTANT: THIS LETTER OF TRANSMITTAL OR AN AGENT'S MESSAGE IN LIEU THEREOF (TOGETHER WITH THE CERTIFICATES FOR OLD NOTES OR A BOOK- ENTRY CONFIRMATION AND ALL OTHER REQUIRED DOCUMENTATION) MUST BE RECEIVED BY THE EXCHANGE AGENT PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

PLEASE READ THIS ENTIRE LETTER OF TRANSMITTAL AND THE PROSPECTUS CAREFULLY BEFORE COMPLETING ANY BOX ABOVE.

SPECIAL ISSUANCE INSTRUCTIONS (See Instructions 3 and 4)

To be completed ONLY if certificates for Old Notes not exchanged and/or New Notes are to be issued in the name of someone other than the person or persons whose signature(s) appear(s) on this Letter of Transmittal below, or if Old Notes delivered by book-entry transfer which are not accepted for exchange are to be returned by credit to an account maintained at DTC other than the account indicated above. See Instruction 3.

Issue New Notes and/or Old Notes to:

Name(s):

Address:

(Please type or print)

(Please type or print)

(Including Zip Code)

Telephone Number:

Taxpayer or Employer Identification or Social Security No(s).

(Complete Form W-9 or the applicable Form W-8):

Credit unexchanged Old Notes delivered by book-entry transfer to the DTC account set forth below.

DTC Account Number:

SPECIAL DELIVERY INSTRUCTIONS (See Instructions 3 and 4)

(See instructions 5 and 4)		
To be completed ONLY if certificates for Old Notes not exchanged and/or New Notes are to be sent to someone other than the person or persons whose signature(s) appear(s) on this Letter of Transmittal below or to such person or persons at an address other than shown in the box entitled "Description of Old Notes" on this Letter of Transmittal above.		
Mail New Notes and/or Old Notes to:		
Name(s):		
(Please type or print)		
Address: (Please type or print)		
(including Zip Code) Taxpayer or Employer Identification or Social Security No(s).:		

PLEASE SIGN HERE (To be Completed by All Tendering Holders) (Complete Enclosed Form W-9)				
,, 2017				
,, 2017				
Area Code and Telephone No.: This Letter of Transmittal must be signed by the registered holder(s) as their name(s) appear(s) on the certificate(s) for the Old Notes hereby tendered or on a security position listing or by any person(s) authorized to become registered holder(s) by endorsements on such certificate(s) or by bond powers transmitted herewith. If signature is by a trustee, executor, administrator, guardian, attorney-in-fact, officer of a corporation or other person acting in fiduciary or representative capacity, please set forth full title. See Instruction 3.				
(Please type or print)				
Name(s):				
Capacity:				
Address:				
(including Zip Code)				
Principal place of business (if different from address listed above):				
(including Zip Code)				
Area Code and Telephone No.:				
Taxpayer or Employer Identification or Social Security No(s).:				
SIGNATURE GUARANTEE (If required by Instruction 3)				
Signature(s) Guaranteed by An Eligible Institution:1				
(Authorized Signature)				
Print Name and Title:				
Print name of Firm:				

1 An "<u>Eligible Institution</u>" means a firm which is a member of the Securities Transfer Agent Medallion Program, the Stock Exchanges Medallion Program or the New York Stock Exchange Medallion Program.

INSTRUCTIONS

Forming Part of the Terms and Conditions of the Offer to Exchange

1. DELIVERY OF THIS LETTER OF TRANSMITTAL AND OLD NOTES.

This Letter of Transmittal is to be completed by holders of Old Notes if certificates for such Old Notes are to be forwarded herewith and may be used if tenders are to be made by book-entry transfer of Old Notes to the account maintained by the Exchange Agent at DTC pursuant to DTC's Automated Tender Offer Program (<u>"ATOP</u>") and an Agent's Message is not delivered to the Exchange Agent. If Old Notes are tendered by book-entry transfer pursuant to DTC's ATOP procedures, the tendering holder may cause DTC to deliver an Agent's Message to the Exchange Agent in lieu of this Letter of Transmittal. The term "<u>Agent's Message</u>" means a computer-generated message, transmitted by DTC to and received by the Exchange Agent and forming a part of a Book-Entry Confirmation (as defined below), which states that the holder of the Old Notes acknowledges and agrees to be bound by the terms of this Letter of Transmittal. The term "<u>Book-Entry Confirmation</u>" means an electronic confirmation from DTC of the book-entry transfer of the holder's Old Notes into the Exchange Agent's account at DTC. Certificates for all physically tendered Old Notes, or Book-Entry Confirmation that the Old Notes being tendered through DTC's ATOP procedures have been delivered to the applicable account of the Exchange Agent at DTC, as the case may be, as well as a properly completed and duly executed Letter of Transmittal (or an Agent's Message in lieu thereof) and any other documents required by this Letter of Transmittal and the Prospectus, must be received by the Exchange Agent (at the address set forth herein in the case of documents delivered physically), prior to 5:00 p.m., New York City time, on the Expiration Date. Old Notes tendered hereby must be in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof, provided that, if any Old Note is tendered in part, the untendered portion of such Old Note must be a denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof.

The method of delivery (whether physical or electronic) of Old Notes, Letters of Transmittal, Agent's Messages, Book-Entry Confirmation and all other required documents is at the election and risk of the tendering holders, provided that Old Notes in book-entry form must be tendered through DTC's ATOP procedures. If such delivery is by mail, it is recommended that the mailing be by registered mail, properly insured, with return receipt requested. In all cases, the holder should allow sufficient time to insure delivery to the Exchange Agent before 5:00 p.m., New York City time, on the Expiration Date. The holder may request the broker, dealer, bank or other financial institution or nominee through which it may hold Old Notes to effect these transactions for it. No Letters of Transmittal, Old Notes or other documents should be sent to the Company. There are no guaranteed delivery procedures available in connection with the Exchange Offers. Accordingly, holders of Old Notes must deliver or cause their Old Notes and all required documentation to be delivered to the Exchange Agent in accordance with the procedures described in this Letter of Transmittal prior to 5:00 p.m., New York City time, on the Expiration Date for the related Exchange Offer.

See "The Exchange Offers" section of the Prospectus.

2. PARTIAL TENDERS (NOT APPLICABLE TO NOTE HOLDERS WHO TENDER BY BOOK- ENTRY TRANSFER).

If less than all of the Old Notes evidenced by a submitted certificate are to be tendered, the tendering holder(s) should fill in the aggregate principal amount of Old Notes to be tendered in the applicable column of the box above entitled "Description of Old Notes Tendered." A reissued certificate representing the non-tendered Old Notes (which must be in a denomination of \$2,000 or an integral multiple of \$1,000 in excess thereof) will be sent to such tendering holder, unless otherwise provided in the appropriate box on this Letter of Transmittal, promptly after the Expiration Date. All of the Old Notes delivered to the Exchange Agent will be deemed to have been tendered unless otherwise indicated.

3. SIGNATURES ON THIS LETTER OF TRANSMITTAL; BOND POWERS AND ENDORSEMENTS; GUARANTEE OF SIGNATURES.

If this Letter of Transmittal is signed by the registered holder(s) of the Old Notes tendered hereby, the signature(s) must correspond exactly with the name(s) as written on the face of the certificate(s) without any change whatsoever. In the case of Old Notes tendered by book-entry transfer, the signature on this Letter of Transmittal must correspond exactly with the name appearing on DTC's security position listing without any change whatsoever.

If any tendered Old Notes are owned of record by two or more joint owners, all of such owners must sign this Letter of Transmittal.

If any tendered Old Notes are registered in different names on several certificates, it will be necessary to complete, sign and submit as many separate copies of this Letter of Transmittal as there are different registrations of certificates.

When this Letter of Transmittal is signed by the registered holder or holders of the Old Notes specified herein and tendered hereby, no endorsements of the certificate(s) evidencing such Old Notes or separate bond powers are required. If, however, the New Notes are to be issued, or any untendered Old Notes are to be reissued, in the name(s) of any person(s) other than such registered holder(s), then such certificate(s) must be endorsed or accompanied by appropriate bond powers (satisfactory to the Company and the Exchange Agent in their sole and absolute discretion), in each case signed exactly as the name(s) of the registered holder(s) appear(s) on the certificate(s), and the signature(s) on such certificate(s) or bond powers must be guaranteed by an Eligible Institution.

If this Letter of Transmittal is signed by a person or persons other than the registered holder(s) of any certificate(s) specified herein, such certificate(s) must be endorsed or accompanied by appropriate bond powers (satisfactory to the Company and the Exchange Agent in their sole and absolute discretion), in each case signed exactly as the name(s) of the registered holder(s) appear(s) on the certificate(s), and the signature(s) on such certificate(s) or bond powers must be guaranteed by an Eligible Institution.

If this Letter of Transmittal or any certificates or bond powers are signed by trustees, executors, administrators, guardians, attorneys-in-fact, officers of corporations or others acting in a fiduciary or representative capacity, such persons should so indicate when signing, and, unless waived by the Company or the Exchange Agent, proper evidence satisfactory to the Company and to the Exchange Agent of their authority to so act must be submitted with this Letter of Transmittal.

Endorsements on certificates for Old Notes or signatures on bond powers or powers required by this Instruction 3 must be guaranteed by an **Eligible Institution.** As used herein, "<u>Eligible Institution</u>" means a firm which is a member of the Securities Transfer Agent Medallion Program, the Stock Exchanges Medallion Program or the New York Stock Exchange Medallion Program.

Signatures on this Letter of Transmittal need not be guaranteed by an Eligible Institution, provided the Old Notes are tendered: (i) by the registered holder(s) of such Old Notes (which term, for purposes of this Letter of Transmittal, includes any participant in DTC's system whose name appears on a security position listing as the holder of such Old Notes) who has not completed the box entitled "Special Issuance Instructions" or "Special Delivery Instructions" on this Letter of Transmittal, or (ii) for the account of an Eligible Institution.

4. SPECIAL ISSUANCE AND DELIVERY INSTRUCTIONS.

Tendering holders of Old Notes should indicate in the applicable box the name and address to which New Notes issued pursuant to the applicable Exchange Offer and/or substitute certificates evidencing Old Notes not exchanged are to be issued or sent, if different from the name or address of the person signing this Letter of Transmittal. In the case of issuance in a different name, the taxpayer or employer identification number or social security number of each person named also must be indicated. Holders tendering Old Notes by book- entry

transfer may request that Old Notes not exchanged be credited to such account maintained at DTC as such holder may designate hereon. If no such instructions are given, such Old Notes not exchanged will be returned to the name and address or DTC account of the person signing this Letter of Transmittal.

5. TRANSFER TAXES.

The Company will pay all transfer taxes, if any, applicable to the transfer of Old Notes to it or upon its order pursuant to the Exchange Offers. If, however, New Notes and/or Old Notes not exchanged are to be delivered to, or are to be registered or issued in the name of, any person other than the registered holder(s) of the Old Notes tendered hereby, if tendered Old Notes are registered in the name of any person(s) other than the person(s) signing this Letter of Transmittal, or if a transfer tax is imposed for any reason other than the transfer of Old Notes to, or upon the order of, the Company pursuant to the Exchange Offers, the amount of any such transfer taxes (whether imposed on the registered holder(s) or any other persons) will be payable by the tendering holder(s). If satisfactory evidence of payment of such taxes or exemption therefrom is not submitted herewith or, in the case of Old Notes tendered by bookentry transfer, contemporaneously with the tender of such Old Notes, the amount of such transfer taxes will be billed to such tendering holder(s) or the Company may refuse to accept the Old Notes tendered by such holder.

6. WAIVER OF CONDITIONS.

The Company reserves the right, in its sole and absolute discretion, to waive, at any time and from time to time, satisfaction of any or all conditions of any Exchange Offer enumerated in the Prospectus.

7. NO CONDITIONAL TENDERS; DEFECTS.

No alternative, conditional, irregular or contingent tenders will be accepted. All tendering holders of Old Notes, by execution of this Letter of Transmittal or delivery an Agent's Message in lieu thereof, shall waive any right to receive notice of the acceptance of their Old Notes for exchange.

The undersigned acknowledges and agrees that neither the Company, the Exchange Agent nor any other person is under any duty to notify the undersigned or any other person of any defect or irregularity with respect to its tender of Old Notes for exchange, or if any Old Notes, Letters of Transmittal, Agent's Messages, Book-Entry Confirmations or other documents are or are not received by the Exchange Agent, and no one will be liable for failing to provide such notification.

8. MUTILATED, LOST, STOLEN OR DESTROYED OLD NOTES.

Any holder whose Old Notes have been mutilated, lost, stolen or destroyed should contact the Exchange Agent at the address or telephone number indicated above for further instructions.

9. WITHDRAWAL RIGHTS.

Tenders of Old Notes may be withdrawn no later than 5:00 p.m., New York City time, on the Expiration Date.

For a withdrawal of a tender of Old Notes to be effective, the Exchange Agent must receive, in the case of Old Notes tendered pursuant to DTC's ATOP procedures, an electronic notice of withdrawal transmitted by DTC on behalf of the DTC participant that tendered such Old Notes or, in the case of Old Notes in certificated form, if any, tendered by physical delivery, a written (which may be given by telegram) or facsimile notice of withdrawal at the address or facsimile number above, in each case no later than 5:00 p.m., New York City time, on the Expiration Date. The notice of withdrawal must:

specify the name(s) of the person(s) having tendered the Old Notes to be withdrawn and, if different, the name of the registered holder(s) of such Old Notes (or, in the case of Old Notes tendered by book-entry transfer, the name and the DTC account number of the DTC participant that tendered such Old Notes)

- identify the Old Notes to be withdrawn (including the CUSIP numbers and, in the case of Old Notes in certificated form, the certificate numbers thereof) and principal amount of such Old Notes,
- in the case of Old Notes tendered through DTC's ATOP procedures, specify the name and account number at DTC to which withdrawn Old Notes should be credited,
- in the case of Old Notes in certificated form physically delivered to the Exchange Agent, be signed by the same person(s) and in the same manner
 as this Letter of Transmittal, including any signature guarantees (or, in the case of Old Notes tendered by book-entry transfer, be signed by or
 transmitted on behalf of the DTC participant that tendered such Old Notes), or be accompanied by evidence satisfactory to the Company and the
 Exchange Agent that the person(s) withdrawing the tender has succeeded to the beneficial ownership of those Old Notes,
- contain a statement that the holder or holders, as the case may be, are withdrawing their election to have the Old Notes exchanged, and
- if this Letter of Transmittal was executed by a person or persons other than the registered holder(s), be accompanied by a properly completed irrevocable proxy authorizing such person(s) to effect such withdrawal on behalf of such registered holder(s).

The signature(s) on a notice of withdrawal must be guaranteed by an Eligible Institution unless the applicable Old Notes were tendered by an Eligible Institution and the notice of withdrawal is being signed by the same Eligible Institution, and the signature(s) on any such irrevocable proxy must be guaranteed by an Eligible Institution unless the signatory to such proxy is an Eligible Institution.

Properly withdrawn Old Notes may be retendered by following the procedures described in this Letter of Transmittal and the Prospectus at any time prior to 5:00 p.m., New York City time, on the Expiration Date.

All questions as to the validity, form and eligibility (including time of receipt) of such notices of withdrawal and all other documents submitted and procedures followed in connection therewith will be determined by the Company in its sole and absolute discretion (which power may be delegated to the Exchange Agent), which determination shall be final and binding on all parties. Any Old Notes so withdrawn will be deemed not to have been validly tendered for exchange for purposes of the Exchange Offers and no New Notes will be issued with respect thereto unless the Old Notes so withdrawn are validly retendered and not validly withdrawn and are accepted by us.

Any Old Notes that have been tendered for exchange but which are not exchanged for any reason (including, without limitation, because the tender of those Old Notes has been properly withdrawn, because the Company did not accept those Old Notes for exchange or terminated the applicable Exchange Offer, or if the tendering holder properly indicates that only a portion of the Old Notes being tendered are to be exchanged for New Notes), such Old Notes will be returned to the holder thereof (or, in the case of Old Notes tendered by book-entry transfer, will be credited to the accounts at DTC of the applicable DTC participant), unless the holder completed the box entitled "Special Delivery Instructions" in this Letter of Transmittal, in which case such Old Notes will be returned to the person specified in such instructions, without cost to such holder, promptly after withdrawal of such Old Notes or expiration or termination of the applicable Exchange Offer, as the case may be.

10. REQUESTS FOR ASSISTANCE OR ADDITIONAL COPIES.

Questions relating to the procedure for tendering, as well as requests for additional copies of the Prospectus, this Letter of Transmittal and other related documents may be directed to the Exchange Agent at the address and telephone number indicated above.

11. TAXPAYER IDENTIFICATION NUMBER AND BACKUP WITHHOLDING.

Under U.S. federal income tax law, a tendering holder whose Old Notes are accepted for exchange may be subject to backup withholding. To prevent backup withholding, each tendering holder must provide such holder's

correct Taxpayer Identification Number ("<u>TIN</u>"), which, in the case of a holder who is an individual, is generally such holder's social security number, by completing the enclosed Form W-9, "Request for Taxpayer Identification Number and Certification," and generally must certify that (i) the TIN provided is correct (or that such holder is awaiting a TIN), and (ii) the holder is not subject to backup withholding. If the Exchange Agent is not provided with the correct TIN or an adequate basis for an exemption, such holder may be subject to a \$50 penalty imposed by the Internal Revenue Service and backup withholding at the applicable rate, 28% as of the date of the Prospectus, upon the amount of any reportable payments made after the exchange to such tendering holder. If withholding results in an overpayment of taxes, a refund may be obtained.

If a holder that is a U.S. person (for U.S. federal income tax purposes) does not have a TIN, such holder should consult the enclosed Form W-9 instructions (the "<u>W-9 Instructions</u>") for instructions on applying for a TIN, write "Applied For" in the space for the TIN, and sign and date the Form W-9. If the holder does not provide such holder's TIN to the Exchange Agent by the time of payment, backup withholding will apply to payments made to such holder. Note: Writing "Applied For" on the form means that the holder has already applied for a TIN or that such holder intends to apply for one in the near future.

If the Old Notes are held in more than one name or are not in the name of the actual owner, consult the W-9 Instructions for information on which TIN to report.

Exempt holders (including, among others, all corporations and certain foreign persons) are not subject to these backup withholding and reporting requirements. To prevent possible erroneous backup withholding, an exempt holder that is a U.S. person (for federal income tax purposes) should check the "Exempt payee" box on Form W-9. See the W-9 Instructions for additional instructions. In order for a holder that is not a U.S. person (for federal income tax purposes) to qualify as exempt, such person must submit a completed Form W-8BEN, "Certificate of Foreign Status of Beneficial Owner for United States Tax Withholding and Reporting (Individuals)," or Form W-8BEN-E "Certificate of Foreign Status of Beneficial Owner for United States Tax Withholding and Reporting (Entities)," signed under penalty of perjury attesting to such exempt status. Special rules apply to foreign partnerships. In general, the foreign partnership will be required to provide a properly executed Form W-8IMY, "Certificate of Foreign Intermediary, Foreign Flow-Through Entity, or Certain U.S. Branches for United States Tax Withholding and Reporting," and attach thereto an appropriate certification from each partner. Finally, if a holder that is not a U.S. person (for federal income tax purposes) is engaged in a U.S. trade or business, and if interest on a New Note will be effectively connected with the conduct of such trade or business, such holder should provide a properly executed Form W-8ECI, "Certificate of Foreign Person's Claim that Income is Effectively Connected with the Conduct of a Trade or Business in the United States." To the extent applicable, the appropriate Form W-8 may be obtained from the Exchange Agent.

Identific	24

Taxpayer Identification Number (TIN)

Request for Taxpayer ation Number and Certification

Give Form to the requester. Do not send to the IRS.

cember 2014) int of the Trease Departme Internal B e tax return). Name is required on this line; do not leave this line bl 2 Business name/disregarded entity name, if different from above сi page 3 Check appropriate box for federal tax classification; check only one of the following seven boxes: 4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): 8 Individual/sole proprietor or C Corporation S Corporation Partnership
 individual/sole proprietor or C Corporation S Corporation Partnership
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) Trust/estate Print or type ic Instructions (Exempt payee code (if any) Exemption from FATCA reporting Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. code (if any) Other (see instructions) > ed autside the U.S.) Specific 5 Address (number, street, and apt. or suite no.) Requester's name and address (optional) 6 City, state, and ZIP code 3 7 List account number(s) here (optional)

Paral Taxpayer Identification Number (TIN)	
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid	Social security number
backup withholding. For individuals, this is generally your social security number (SSN). However, for a	
resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other	
entities, it is your employer identification number (EIN). If you do not have a number, see How to get a	
71N on page 3.	or
Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for	Employer identification number
guidelines on whose number to enter.	
5	

Part II Certification

W-9

(Bey Dec

Part I

Under penalties of perjury, I certify that

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- 3. I am a U.S. citizen or other U.S. person (defined below); and
- 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must not not use of the any inclusing that I am exempt from PAICA reporting is correct. Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person •

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted. Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at wnw.irs.gowfw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the FIS must obtain your correct taxpayer identification number (TN) which may be your social security number (SRN), individual taxpayer identification number (ITN), adoption taxpayer identification number (ATN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

Form 1099-INT (interest earned or paid)

· Form 1099-DIV (dividends, including those from stocks or mutual funds)

· Form 1099-MISC (various types of income, prizes, awards, or gross proceeds) Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)

Form 1099-S (proceeds from real estate transactions)

Cat. No. 10231X

 Form 1096 (home mortgage interest), 1096-E (student loan interest), 1096-T (tuition)

· Form 1099-C (canceled debt)

Date 🕨

. Form 1099-A (acquisition or abandonment of secured property) Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

- If you do not return Form W-9 to the requester with a TNN, you might be subject to backup withholding. See What is backup withholding? on page 2. By signing the filled-out form, you:
- 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued)

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. preson, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and

Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See What is FATCA reporting? on page 2 for further information.

· Form 1099-K (merchant card and third party network transactions)

Form W-9 (Rev. 12-2014)

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

· An individual who is a U.S. citizen or U.S. resident alien A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;

· An estate (other than a foreign estate); or

A domestic trust (as defined in Regulations section 301.7701-7).

A domestic first (as defined in Regulations section 301.7701-7).
 Special rules for partnerships. Partnerships flat conduct a trade or basiness in the United States are generatly required to pay a withholding lax under section 1446 on any Torsign partners' share of effectively connected taskbe income from such business. Further, in oretian cases where a Form V+9 has not been received the tules under section 1446 require a partnership to presume that a partner is a constrained to pay a stitute of the section 1446 require a partnership to presume that a partner is a U.S. person that is a partner in a partnership conducting a trade or business in the intel States, provide form W+9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable stees of net income from the partnership conducting a trade or business in the United States:

In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;

In the case of a grantor trust with a U.S. grantor or other U.S. owner, general the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and

In the case of a U.S. trust (other than a granter trust), the U.S. trust (other than a granter trust) and not the beneficiaries of the trust.

Fereign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Ferm W-9, instead, use the appropriate Form W-3 or Form R323 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

on Nonresident Alers and Foreign Entities). Nonresident alien who baccome a resident alien, Generally, only a nonresident alien individual may use the terms of a tax heatly to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contains a provision known as a "saving diazes." Exceptions specified in the saving diaze may permit an exemption from tax to continue for certain types of income even after the payee has offerwise become a U.S. resident alien for tax purposes. If you are a U.S. resident alien two is relying on an exception contained in the saving clause of a tax treatly to claim an excemption from U.S. tax on orthin types of income, you must attach a statement to Form W-9 that specifies the following five items:

 The treaty country. Generally, this must be the same treaty under which you laimed exemption from tax as a nonresident alien. dai

2. The treaty article addressing the income

3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions

4. The type and amount of income that qualifies for the exemption from tax. 5. Sufficient facts to justify the exemption from tax under the terms of the treaty

article. Example. Article 20 of the U.S.-China income tax treaty allows an examplion from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alen for tax purposes if this or the stage in the United States exceeded 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China to aty (dated April 30, 1064) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States, A Chinese student who qualities for this exception (under paragraph 2 of the inst periodo) and is relying on this exception to claim an exception text on his or hor orbolarship information described above to support that exemption. If you are a conversident alien or a foreign entity, cine the reserver the artick

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, tacker and barter exchange transactions, rents, royalles, nonemployee pay, payments made in settlement of payment can and third party network transactions, and certain payments from tisting boat operators. Real estate transactions are not subject to backup withholding. payments from fishin backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your bacable enferest and dividends on your bac return. Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester

You do not certify your TIN when required (see the Part II instructions on page 3 for details).

4. The FIS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

You do not certify to the requester that you are not subject to backap withholding under 4 above (for reportable interest and dividend accounts after 1983 only).

Certain payees and payments are exempt from backup withholding. See Except payee code on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see Special rules for partnerships above.

What is FATCA reporting?

The Foreign Account Tex Compliance Act (FATCA) requires a participating for financial institution to report all United States account holders that are specifi-United States persons. Certain payees are exempt if non FATCA reporting. See Everaption from FATCA reporting code on page 3 and the Instructions for the Requestor of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may nood to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a ner Form W-9 if the name or TIN changes for the account; for example, if the granter of a grantor trust des. eiving need to it furnish a new

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you mail false statement with no reasonable basis that results in no backup withhold you are subject to a \$300 penalty.

Criminal penalty for falsifying information. Willuly falsifying certifications or affirmations may subject you to criminal penalties including fines and/or improvement.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; do not leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the onion or onlity whose number you onlered in Part I of Form W 9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your test name without informing the Social Security Administration (S of the name change, enter your first name, the last name as shown on your soci security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/10404/1040EZ you filed with your application.

b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/104004/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

 Partnership, LLC that is not a single-member LLC, C Corporation, or S portation. Enter the entity's name as shown on the entity's tax return on line 1 any business, trade, or DBA name on line 2. C and any busi

d. Other entities. Entry your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the chart other legal document creating the entity. You may enter any business, trade, DEA name on line 2.

Der ingle sonner 2.
e. Disregarded entity, For U.S. foderal tax purposes, an entity that is disregarded as an entity separate from its owner is treaded as a "disregarded entity." See Regulations section 301.7701-28(32)(6)(6). Enter the owner's name on time 1. The name of the entity entered on line I should never be a disregarded entity. The name of the entity entered on line I should never be a disregarded entity. He uses the experiment of the entity entered on line I should never be a disregarded entity for U.S. federal tax purposes has a single owner that is a total as a disregarded entity for U.S. federal tax purposes has a single owner that is not disregarded to televal tax purposes. There is no disregarded entity is also a disregarded entity, enter the first owner that is not disregarded to televal tax purposes. First the disregarded entity is anne on line 2. "Business name/disregarded entity name." If the owner will should be complete an appropriate Form W-B instead of a Form W-9. This is the case own if the foreign person has a U.S. TN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LCC). If the name of the "Limited Liability Company" has a LCC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and order "P" in the space provided. If the LLC has filled form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provide erels "C" in the company for or "S" for Scoperation. If is a single-member LLC that is a derogarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

· Generally, individuals (including sole proprietors) are not exampt from backup withholding

 Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends. fe

Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

Corporations are not exempt from backup withhoking with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4. 1 - An organization ecompt from tax under section 501(a), any FA, or a custodial account under section 403(b)(7) if the account satisfies the requirement of section 401(b)(2)

2-The United States or any of its agencies or instrumentalities

3—A state, the District of Columbia, a U.S. commonwealth or poss my of their political subdivisions or instrumentalities

4—A foreign government or any of its political subdivisions, agencies, or instrumentalities

5-A corporation

6-A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession

7 – A futures commission merchant registered with the Commodity Futures ading Commission

Tradi

8-A real estate investment trust

9—An entity registered at all times during the tax year under the investment ompany Act of 1940 Comp

10-A common trust fund operated by a bank under section 584(a)

11 - A Snancial institution 12-A middleman known in the investment community as a nominee or

13-A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for	THEN the payment is exempt for
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are ecempt only for sales of nencovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC. Miscellaneous Income, and its instructions

²However, the following payments made to a corporation and reportable on Form 1009-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 60450; and payments for services paid by a foderal executive agency.

Exemption from FATCA reporting code. The following codes identify pays that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by submitting this form for accounts maintained outside of the United States by certain foreign framouid institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are succestain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form V-P with "Not Applicable" (or any emiltar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37) B-The United States or any of its agencies or instrumentalities

C - A state, the District of Columbia, a U.S. commonwealth or posse any of their political subdivisions or instrumentalities sion, or

D—A corporation the stock of which is regularly traded on one or more stablished securities markets, as described in Regulations section

1.1472-1(c)(1)(i)

E-A corporation that is a member of the same expanded atfiliated group as a corporation described in Regulations section 1.1472-1(c)(1))

F — A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, lowrards, and options) that is registered as such under the laws of the United States or any state

G-A real estate investment trust

H-A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I-A common trust fund as defined in section 584(a) J-A bank as defined in section 581

K-A broker

L - A trust exempt from tax under section 664 or described in section 4947(a)(1)

M-A tax exempt trust under a section 403(b) plan or section 457(g) plan Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (TIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN below*.

If you are a sole population and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC fluit is disregarded as an entity separate from its owner (see *Linited Liability Compary &LC*) on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

combinitions. How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Appleation for a Social Security Card, from your local SSN office or get this form oneine at work-sec, gov. You may also get this form hy calling 1-800-722-1213. Use Form W-7, Appleation for FIS Individual Teppayer identification Namber, to apply for an TIN, for Form SS-4, Appleation for Englever identification Namber, to apply for an EN, You can apply for an EN orline by accessing the FIS which are invex.ins.gov/maximisses and ackding or Employer identification Namber, ED, under Starting a Business. You can get Forms W-7 and SS-4 from the FIS by visiting FIS.gov or by calling 1-800-TAX+FORM (1-800-829-3676).

(1-800-628-60-79).
If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to ge a TIN and give it to the requester before you are subject to backap withholding on a tradable to backap withholding on subject to backap withholding on all such payments. The 60-day rule does not apply to other types of payments. Two will be subject to backap withholding on all such payments until you provide your TIN to the portionate.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee* code earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

Interest, dividend, and barter exchange accounts opened before 1994 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

Interest, dividend, broker, and batter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are mereby providing your correct TIN to the requester, you must cross cut item 2 in the certification before signing the form.

Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

tem 2 of the certification.
4. Other payments. You must give your correct TN, but you do not have to the certification unless you have been notified that you have previously given a incorrect TN. Yother payments' include payments made in the course of the regulastier's trade or business for rolls, regulating, goods (either than bills for merchandler), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments to corporations, payments card and their party network horeactors, payments settlement of payment card and their party network horeactors, payments attempts including payments to corporations).
5. Mortings interest paid by your, accurations).

asserting process previously payments to COPparations, 5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified builtion program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
 Individual Two or more individuals (joint account) 	The individual The actual owner of the account or, if combined funds, the first individual on the account'
 Custodian account of a minor (Uniform Gift to Minors Act) 	The minor ²
 a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a logal or valid trust under state law 	The grantor-trustee' The actual owner'
Sole proprietorship or disregarded entity owned by an individual	The owner ^b
6. Grantor Inust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)⊕ (A)	The grantor*
For this type of account:	Give name and EIN of:
 Disregarded entity not owned by an individual 	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
 Corporation or LLC electing corporate status on Form 8632 or Form 2533 	The corporation
 Association, club, religious, charitable, educational, or other tax- exempt organization 	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
 Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)() (B)) 	The trust

⁶List first and sincle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished. ² Circle the minor's name and furnish the minor's SSN.

^b You must shoe your individual mane and you may also enter your business or DBAnisme on the "Business name disregarized entity" name line. You may use either your SBN or EPN IP you have one), but the IRS encourages you to use your SBN. "I softwart and origin the mane of the trust, estats, or panicion trust. (Do not furnish the TIN of the personal representative or trustee unities the logal entity inter's incid designated in the account tide). Also she Special write for performing on page 2. "Note: Genetic also must provide a Form W-3 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identify theft occurs when some one uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit finaud or other orimes. An identify third may use your SSN to get a job or may file a tax return using your SSN to receive a retund.

To reduce your risk:

· Protect your SSN,

· Ensure your employer is protecting your SSN, and

· Be careful when choosing a tax preparer

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tex records are not currently affected by identity theft but you think you If your tax records are not currently afficient only identify their but you think you are at tisk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS identify Their Hotine at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim A

reconstruction. Writing the fit who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resol through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS both-free case intake line at 1-877-777-4778 or TTY/TDO-1-809-829-4009.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and volustes designed to mimic legitimate business emails and websites. The most common act is sending an email to a user takely claiming to be an established legitimate enterprise in an attempt to same the user into surrendering private information that will be used for identity theft.

The RS does not initiate contacts with tappayers via emails. Also, he IRS does not request personal detailed information through email or ask tappayers for the PIN numbers, passwords, or similar secret access information for their credit card bank, or other francial accounts. nd.

bank, or other transitial accounts. If you receive an unsolected email claiming to be from the IRIS, forward this message to *phinkingNes.gov*. You may also report misuse of the IRS name, to or other IRS property to the Treasaux Inspector General to Tax Administration (IRGTA) at 1-300-386-4884. You can forward suspicious emails to the Federal Trade Commission st: *spannibuos.gov* or contact them at www.flc.gov/idf/adf 1-877-IDTHEFT (1-877-488-4838). dthaft or

Visit IRS.gov to learn more about identity theft and how to reduce your risk

Privacy Act Notice

Privacy Act Notice Socian 6109 of the internal Revenue Code requires you to provide your correct TN to persons (including liceral agencies) who are required to file information rotures with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandomment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or IRA. The person codecing this form uses the information. Routine uses of this information include grings to the Department of Subtice for oxial and criminal itigation and to cates, states, the Destinct of Columbia, and U.S. commonwealths and possessions for use in administening ther laws. The information also may be disclosed to other counties under a treaty, to federal and state agencies to combat tenroism. You must provide your TN whether or not you are required to the a text return. Under school allow enforcement and intelligence agencies to combat tenroism. You must provide your TN whether or not you are required to the a text return. Under school allow genereally withhold a percontage of bioable interest, dividend, and certain other payments to a payoe with does not give a TN to the payner. Cottain pendities may also apply for providing false or tradident information.

, 2017

RANGE RESOURCES CORPORATION

OFFER TO EXCHANGE

Any and all of its outstanding \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (which we refer to as the "Old 2021 Notes") for Up to \$475,952,000 aggregate principal amount of its 5.75% Senior Notes due 2021 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2021 Notes") and Any and all of its outstanding \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (which we refer to as the "Old 5.875% 2022 Notes") for Up to \$329,244,000 aggregate principal amount of its 5.875% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.875% 2022 Notes") and Any and all of its outstanding \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (which we refer to as the "Old 5.00% 2022 Notes") for Up to \$580,032,000 aggregate principal amount of its 5.00% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.00% 2022 Notes") and Any and all of its outstanding \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 (which we refer to as the "Old 2023 Notes") for

Up to \$741,531,000 aggregate principal amount of its 5.00% Senior Notes due 2023 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2023 Notes")

Pursuant to Prospectus dated , 2017

To Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees:

We are requesting that you contact your clients for whom you hold Old Notes regarding the applicable Exchange Offer. For your information and for forwarding to your clients for whom you hold Old Notes or who hold Old Notes registered in their own names, we are enclosing the following documents:

- 1. Prospectus dated , 2017;
- 2. The Letter of Transmittal for your use and for the information of your clients; and
- 3. A form of letter which may be sent to your clients for whose account you hold Old Notes, with space provided for obtaining such clients' instructions with regard to the applicable Exchange Offer.

Your prompt action is requested. Each Exchange Offer will expire at 5:00 p.m., New York City time, on , 2017, unless extended by the Company (the "<u>Expiration Date</u>"). Any Old Notes tendered pursuant to any Exchange Offer may be withdrawn (subject to compliance with the procedures set forth in the Prospectus and the Letter of Transmittal) no later than 5:00 p.m., New York City time, on the Expiration Date.

To participate in any Exchange Offer, you must deliver to U.S. Bank National Association, as exchange agent (the "<u>Exchange Agent</u>") for the Exchange Offers, prior to 5:00 p.m., New York City Time, on the Expiration Date (a) either a properly completed and duly executed Letter of Transmittal with any required signatures guarantees or a computer-generated message transmitted by The Depository Trust Company ("<u>DTC</u>") to and received by the Exchange Agent and forming a part of the Book-Entry Confirmation (as defined below) stating that the holder of the Old Notes acknowledges and agrees to be bound by the terms of the Letter of Transmittal, (b) certificates evidencing the Old Notes you are tendering in the applicable Exchange Offer or an electronic confirmation from DTC of the book-entry transfer of the Old Notes you are tendering into the Exchange Agent's account at DTC (a "<u>Book-Entry</u> <u>Confirmation</u>"), and (c) all other required documentation, all in accordance with the instructions and procedures set forth in the Prospectus and Letter of Transmittal.

The Company will not pay any discounts, fees or commissions, or make any other payments, to brokers, dealers or other persons for soliciting the exchange of Old Notes pursuant to the any Exchange Offer. The Company will pay all transfer taxes incident to the transfer of Old Notes by the holder to the Company pursuant to that Exchange Offer, except as otherwise set forth in Instruction 5 of the Letter of Transmittal.

Any inquiry you may have with respect to any Exchange Offer, or requests for additional copies of the enclosed materials, should be directed to U.S. Bank National Association, the Exchange Agent for the Exchange Offers, at its address and telephone number set forth on the first page of the Letter of Transmittal and in the Prospectus under the caption "The Exchange Offers—Exchange Agent."

Very truly yours,

RANGE RESOURCES CORPORATION

NOTHING HEREIN OR IN THE ENCLOSED DOCUMENTS SHALL CONSTITUTE YOU OR ANY PERSON AS AN AGENT OF THE COMPANY OR THE EXCHANGE AGENT, OR AUTHORIZE YOU OR ANY OTHER PERSON TO USE ANY DOCUMENT OR MAKE ANY STATEMENTS ON BEHALF OF EITHER OF THEM WITH RESPECT TO THE EXCHANGE OFFERS, EXCEPT FOR STATEMENTS EXPRESSLY MADE IN THE PROSPECTUS.

Enclosures

,2017

RANGE RESOURCES CORPORATION

OFFER TO EXCHANGE

Any and all of its outstanding \$475,952,000 aggregate principal amount of 5.75% Senior Notes due 2021 (which we refer to as the "Old 2021 Notes") for Up to \$475,952,000 aggregate principal amount of its 5.75% Senior Notes due 2021 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2021 Notes") and Any and all of its outstanding \$329,244,000 aggregate principal amount of 5.875% Senior Notes due 2022 (which we refer to as the "Old 5.875% 2022 Notes") for Up to \$329,244,000 aggregate principal amount of its 5.875% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.875% 2022 Notes") and Any and all of its outstanding \$580,032,000 aggregate principal amount of 5.00% Senior Notes due 2022 (which we refer to as the "Old 5.00% 2022 Notes") for Up to \$580,032,000 aggregate principal amount of its 5.00% Senior Notes due 2022 that have been registered under the Securities Act of 1933 (which we refer to as the "New 5.00% 2022 Notes") and Any and all of its outstanding \$741,531,000 aggregate principal amount of 5.00% Senior Notes due 2023 (which we refer to as the "Old 2023 Notes") for Up to \$741,531,000 aggregate principal amount of its 5.00% Senior Notes due 2023 that have been registered under the Securities Act of 1933 (which we refer to as the "New 2023 Notes")

eu under the Securities Act of 1955 (which we refer to as the TNew 2025 M

Pursuant to Prospectus dated , 2017

To our Clients:

Enclosed for your consideration is a prospectus dated , 2017 (the "<u>Prospectus</u>") and the related letter of transmittal (the "<u>Letter of</u> <u>Transmittal</u>"), relating to the offers (each, an "<u>Exchange Offer</u>" and collectively, the "<u>Exchange Offers</u>") of Range Resources Corporation, a Delaware corporation (the "<u>Company</u>"), to exchange (i) any and all of the \$475,952,000 aggregate principal amount of its Old 2021 Notes, (ii) any and all of the \$329,244,000 aggregate principal amount of its Old 5.875% 2022 Notes, (iii) any and all of the \$580,032,000 aggregate principal amount its Old 5.00% 2022 Notes, and (iv) any and all of the \$741,531,000 aggregate principal amount of its Old 2023 Notes (collectively, the "<u>Old Notes</u>") that are validly tendered and not validly withdrawn prior to 5:00 p.m., New York City time, on the Expiration Date (as defined below), for an equal aggregate principal amount of the corresponding New 2021 Notes, New 5.875% 2022 Notes, New 5.00% 2022 Notes, and New 2023 Notes (collectively, the "<u>New Notes</u>"), upon the terms and subject to the conditions set forth in the Prospectus and the Letter of Transmittal. The Exchange Offers are being made in order to satisfy certain obligations of the Company contained in the Registration Rights Agreements, each dated September 16, 2016, between the Company, its subsidiaries that are guarantors of the Old Notes and the dealer managers for the private exchange offers, with respect to each series of Old Notes. Capitalized terms not defined herein shall have the respective meanings ascribed to them in the Prospectus and the Letter of Transmittal. Except where the context indicates otherwise, references to the Old Notes or the New Notes, include the related Guarantees (as defined in the Prospectus (as defined below)). This material is being forwarded to you as the beneficial owner of the Old Notes carried by us for your account but not registered in your name. A tender of such Old Notes may only be made by us as the holder of record and pursuant to your instructions.

Accordingly, we request instructions as to whether you wish us to tender on your behalf the Old Notes held by us for your account, pursuant to the terms and subject to conditions set forth in the enclosed Prospectus and Letter of Transmittal.

Your instructions should be forwarded to us as promptly as possible in order to permit us to tender the Old Notes on your behalf in accordance with the provisions of the applicable Exchange Offer. Each Exchange offer will expire at 5:00 p.m., New York City time, on , 2017, unless extended by the Company (the "Expiration Date"). Any Old Notes tendered pursuant to any Exchange Offer may be withdrawn (subject to compliance with the procedures set forth in the Prospectus and the Letter of Transmittal) no later than 5:00 p.m., New York City time, on the Expiration Date.

Your attention is directed to the following:

- 1. The Exchange Offers are for any and all Old Notes.
- 2. The Exchange Offers are subject to certain conditions set forth in the Prospectus in the section captioned "The Exchange Offers—Conditions to the Exchange Offers."
- 3. Any transfer taxes incident to the transfer of Old Notes from the holder to the Company pursuant to any Exchange Offer will be paid by the Company, except as otherwise provided in Instruction 5 of the Letter of Transmittal.
- 4. Each Exchange Offer expires at 5:00 p.m., New York City time, on , 2017, unless extended by the Company.

If you wish to have us tender your Old Notes, please so instruct us by completing, executing and returning to us the instruction form on page 2 of this letter. The Letter of Transmittal is furnished to you for information only and may not be used directly by you to tender Old Notes.

Please carefully read the Prospectus, the Letter of Transmittal and any other materials that accompany this letter.

INSTRUCTIONS WITH RESPECT TO THE EXCHANGE OFFERS

The undersigned acknowledge(s) receipt of your letter and the enclosed Prospectus and Letter of Transmittal relating to the Exchange Offers made by the Company with respect to the Old Notes.

By completing, executing and delivering these instructions, the undersigned hereby represent(s), warrant(s) and agree(s), for your benefit and the benefit of the Company, that the undersigned has (have) full right, power and authority to tender, sell, assign and transfer all right, title and interest in and to the Old Notes and to acquire the New Notes issuable upon the exchange of such Old Notes, and that, if and when such Old Notes are validly tendered and accepted by the Company for exchange, the Company will acquire good and unencumbered title thereto, free and clear of all liens, restrictions, charges and encumbrances and not subject to any adverse claim.

By completing, executing and delivering these instructions, the undersigned hereby instruct(s) you (check appropriate box):

- To TENDER, on the terms and subject to the conditions set forth in the Prospectus and the related Letter of Transmittal, Old Notes held by you for the account of the undersigned in the principal amount indicated below (by completing, executing and delivering these instructions, the undersigned agree(s) that, if the foregoing box is checked but the dollar amount below is left blank, it means that the undersigned is (are) tendering all of the Old Notes held by you for the account of the undersigned):
 - _____ of Old Notes

\$_

NOT to TENDER any Old Notes held by you for the account of the undersigned.

If the undersigned instructs you to tender Old Notes held by you for the account of the undersigned, it means that the undersigned authorize(s) you to make, on behalf of the undersigned (and, by completing, signing and delivering these instructions, the undersigned hereby make(s) to you and for the benefit of the Company), the acknowledgements, representations, warranties and agreements contained in the Letter of Transmittal that are to be made by or with respect to the undersigned as beneficial owner(s) of Old Notes.

The undersigned acknowledge(s) and agree(s) that none of the Old Notes held by you for the account of the undersigned will be tendered unless you receive these written instructions from the undersigned to do so.

PLEASE SIGN HERE

Signature(s):	
Name(s) (Please Print):	
Capacity (Full Title) if Signing in a	
Representative or Fiduciary Capacity:	
Address:	
Zip Code:	
Area Code and Telephone No.:	
Taxpayer Identification or Social Security No(s).:	
Account Number with You:	
Date:	