

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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported):
January 24, 2020**

RANGE RESOURCES CORPORATION
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-12209
(Commission
File Number)

34-1312571
(IRS Employer
Identification No.)

100 Throckmorton Street, Suite 1200
Fort Worth, Texas
(Address of principal executive offices)

76102
(Zip code)

Registrant's telephone number, including area code: (817) 870-2601

(Former name or former address, if changed since last report): Not applicable

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.01 par value	RRC	New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

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 13(a) of the Exchange Act.

ITEM 1.01 Entry into a Material Definitive Agreement

Private Placement

On January 24, 2020, Range Resources Corporation (the “Company”) completed a private offering of \$550 million aggregate principal amount of 9.25% Senior Notes due 2026 (the “Notes”), which are jointly and severally guaranteed on a senior unsecured basis by each of the Company’s existing subsidiaries (collectively, the “Subsidiary Guarantors”).

The Notes were offered by the Initial Purchasers (as defined below) pursuant to Rule 144A and Regulation S of the Securities Act of 1933, as amended (the “Securities Act”), and may not be sold in the United States absent registration or an applicable exemption from the registration requirements. The Company used the net proceeds from this offering to purchase for cash in the previously announced tender offers (the “Tender Offers”) \$500 million in aggregate principal amount of its 5.750% Senior Notes due 2021, 5.875% Senior Notes due 2022, and 5.000% Senior Notes due 2022 (collectively, the “Target Notes”), including fees and expenses incurred in connection therewith, with the remainder used to repay borrowings under its bank credit facility.

Indenture

The terms of the Notes are governed by the Indenture, dated as of January 24, 2020 (the “Indenture”), by and among the Company, the Subsidiary Guarantors, and U.S. Bank National Association, as trustee (the “Trustee”). The Notes will mature on February 1, 2026. Interest will be payable on each February 1 and August 1, beginning August 1, 2020. The Company may redeem some or all of the Notes at any time and from time to time on or after February 1, 2022 at the redemption prices specified in the Indenture. The Company may also redeem up to 35% of the Notes at a redemption price equal to 109.25% of the principal amount thereof, plus accrued and unpaid interest, if any, using all or a portion of the net proceeds of public sales of certain equity interests completed before February 1, 2022. The Company may also redeem the Notes prior to February 1, 2022 upon payment of the make-whole premium specified in the Indenture. Upon the occurrence of certain changes in control followed by a rating decline, the Company may be required to offer to repurchase the Notes. The Indenture contains restrictive covenants that will limit the Company’s and its subsidiaries’ ability to incur debt, grant liens securing debt and pay dividends and other customary covenants, all as more fully set forth in the Indenture. The Notes and the guarantees are general unsecured obligations of the Company and the Subsidiary Guarantors and rank *pari passu* in right of payment with all senior unsecured indebtedness of the Company and the Subsidiary Guarantors. The Notes rank effectively junior to any secured indebtedness of the Company and the Subsidiary Guarantors, including under the Company’s bank credit facility, and other secured obligations to the extent of the value of the assets constituting collateral securing such indebtedness and obligations. The Notes rank senior in right of payment to any existing or future subordinated indebtedness, and are structurally subordinated to any indebtedness and other obligations of any subsidiaries of the Company that in the future do not guarantee the Notes. A copy of the Indenture is filed herewith as Exhibit 4.1 to this report and is incorporated by reference herein.

Registration Rights Agreement

In connection with the private placement of the Notes, the Company, the Subsidiary Guarantors and BofA Securities, Inc., as representative of the several initial purchasers named therein (the “Initial Purchasers”), entered into a Registration Rights Agreement dated January 24, 2020 (the “Registration Rights Agreement”), whereby the Company and the Subsidiary Guarantors have agreed, at their expense, to use commercially reasonable efforts to (i) cause to be filed a registration statement enabling the holders to exchange the privately placed Notes and guarantees for registered notes and guarantees with substantially similar terms (except that the exchange notes shall not contain terms with respect to transfer restrictions or liquidated damages upon a Registration Default, as defined in the Registration Rights Agreement), (ii) cause the registration statement to become effective, (iii) complete the exchange offer within 60 days after such effective date but not later than the 365th day following the date of issuance of the Notes and (iv) file a shelf registration statement for the resale of the Notes if the exchange offer cannot be effected within the time periods listed above. The interest rate on the Notes will increase if the Company does not comply with its obligations under the Registration Rights Agreement. A copy of the Registration Rights Agreement is filed herewith as Exhibit 4.2 to this report and incorporated by reference herein.

ITEM 2.03 Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement

The information provided under Item 1.01 in this Current Report on Form 8-K regarding the Notes, the Indenture, the Registration Rights Agreement and the related guarantees is incorporated by reference into this Item 2.03. The descriptions set forth in Item 1.01 and this Item 2.03 are qualified in their entirety by the full text of the Indenture and the Registration Rights Agreement.

ITEM 7.01 Regulation FD Disclosure

On January 23, 2020, the Company issued a press release announcing the results to date of the Company’s Tender Offers to purchase for cash up to \$500 million in aggregate principal amount of its Target Notes.

A copy of the press release is attached hereto as Exhibit 99.1 and incorporated into this Item 7.01 by reference.

The press release shall not constitute an offer to sell or the solicitation of an offer to buy any securities, nor shall there be any sale of these securities in any state in which the offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state.

In accordance with General Instruction B.2 of Form 8-K, the information in this Item 7.01 of this Current Report on Form 8-K, including Exhibit 99.1, is deemed to be “furnished” and shall not be deemed “filed” for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall such information and exhibits be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act.

ITEM 9.01 Financial Statements and Exhibits

(d) Exhibits.

<u>Exhibit Number</u>	<u>Description</u>
4.1	<u>Indenture, dated January 24, 2020, among Range Resources Corporation, the subsidiary guarantors named therein and U.S. Bank National Association, as trustee.</u>
4.2	<u>Registration Rights Agreement, dated January 24, 2020, among Range Resources Corporation, the subsidiary guarantors named therein and the Initial Purchasers.</u>
4.3	<u>Form of 9.25% Senior Note due 2026 (included in Exhibit 4.1).</u>
99.1	<u>Press Release, January 23, 2020, announcing early tender results.</u>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

RANGE RESOURCES CORPORATION

By: /s/ Mark S. Scucchi

Mark S. Scucchi

Chief Financial Officer

Date: January 24, 2020

RANGE RESOURCES CORPORATION
AND EACH OF THE GUARANTORS PARTY HERETO
9.25% SENIOR NOTES DUE 2026

INDENTURE

Dated as of January 24, 2020

U.S. BANK NATIONAL ASSOCIATION

As Trustee

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Exhibit E	FORM OF SUPPLEMENTAL INDENTURE

INDENTURE dated as of January 24, 2020 among Range Resources Corporation, a Delaware corporation (the “*Issuer*”), the Guarantors (as defined) and U.S. Bank National Association, a national banking association, as trustee (the “*Trustee*”).

The Issuer, the Guarantors and the Trustee agree as follows for the benefit of each other and for the equal and ratable benefit of the Holders (as defined) of the 9.25% Senior Notes due 2026 (as further defined herein, the “*Notes*”):

ARTICLE 1
DEFINITIONS AND INCORPORATION
BY REFERENCE

Section 1.01 *Definitions.*

“*144A Global Note*” means a Global Note substantially in the form of Exhibit A hereto bearing the Global Note Legend and the Private Placement Legend and deposited with or on behalf of, and registered in the name of, the Depository or its nominee that will be issued in a denomination equal to the outstanding principal amount of the Notes initially sold in reliance on Rule 144A.

“*Acquired Debt*” means, with respect to any specified Person:

(1) Indebtedness of any other Person existing at the time such other Person is merged with or into or became a Subsidiary of such specified Person, whether or not such Indebtedness is incurred in connection with, or in contemplation of, such other Person merging with or into, or becoming a Restricted Subsidiary of, such specified Person; and

(2) Indebtedness secured by a Lien encumbering any asset acquired by such specified Person.

“*Additional Assets*” means:

(1) any assets used or useful in the Oil and Gas Business, other than Indebtedness or Capital Stock;

(2) the Capital Stock of a Person that becomes a Restricted Subsidiary as a result of the acquisition of such Capital Stock by the Issuer or any of its Restricted Subsidiaries; or

(3) Capital Stock constituting a minority interest in any Person that at such time is a Restricted Subsidiary;

provided, however, that any such Restricted Subsidiary described in clause (2) or (3) is primarily engaged in the Oil and Gas Business.

“*Additional Interest*” has the meaning assigned to that term pursuant to the applicable Registration Rights Agreement.

“Additional Notes” means additional Notes (other than the Initial Notes) issued under this Indenture in accordance with Sections 2.02, 2.13 and 4.09, as part of the same series as the Initial Notes.

“Adjusted Consolidated Net Tangible Assets” means (without duplication), as of the date of determination,

(a) the sum of:

(i) the discounted future net revenues from proved oil and natural gas reserves of the Issuer and its Restricted Subsidiaries calculated in accordance with SEC guidelines before any state or federal income taxes, as estimated in a reserve report prepared as of the end of either the Issuer’s most recently completed fiscal year (or, if such date of determination is within 45 days after the end of such most recently completed fiscal year and no reserve report as of the end of such fiscal year has at the time been prepared, the Issuer’s second preceding fiscal year) or, at the Issuer’s option, the Issuer’s most recently completed fiscal quarter for which internal financial statements are available, as *increased by*, as of the date of determination, the estimated discounted future net revenues calculated in accordance with SEC guidelines from:

- (A) estimated proved oil and natural gas reserves of the Issuer and its Restricted Subsidiaries acquired since the date of such year-end or quarterly reserve report, and
- (B) estimated proved oil and natural gas reserves of the Issuer and its Restricted Subsidiaries attributable to extensions, discoveries and other additions and upward revisions of estimates of proved oil and natural gas reserves (including previously estimated development costs incurred during the period and the accretion of discount since the prior period end) since the date of such year-end or quarterly reserve report due to exploration, development or exploitation, production or other activities which would, in accordance with standard industry practice, cause such revisions,

and *decreased by*, as of the date of determination, the estimated discounted future net revenue attributable to:

- (C) estimated proved oil and natural gas reserves of the Issuer and its Restricted Subsidiaries reflected in such reserve report produced or disposed of since the date of such year-end or quarterly reserve report, and
- (D) reductions in estimated proved oil and natural gas reserves of the Issuer and its Restricted Subsidiaries reflected in such reserve report attributable to downward revisions of estimates of proved oil and natural gas reserves since such year-end or quarterly reserve report due to changes in geological conditions or other factors which would, in accordance with standard industry practice, cause such revisions;

in the case of the preceding clauses (A) through (D), calculated on a pre-tax basis in accordance with SEC guidelines (utilizing the prices utilized in the Issuer's year-end or quarterly reserve report, as applicable) and estimated by the Issuer's petroleum engineers or, at the Issuer's election, any independent petroleum engineers engaged by the Issuer for that purpose;

- (ii) the capitalized costs that are attributable to oil and natural gas properties of the Issuer and its Restricted Subsidiaries to which no proved oil and natural gas reserves are attributable, based on the Issuer's books and records as of a date no earlier than the last day of the Issuer's most recent quarterly or annual period for which internal financial statements are available;
- (iii) the Consolidated Net Working Capital of the Issuer and its Restricted Subsidiaries as of a date no earlier than the last day of the Issuer's most recent quarterly or annual period for which internal financial statements are available; and
- (iv) the greater of:
 - (A) the net book value and
 - (B) the appraised value, as estimated by independent appraisers, of other tangible assets (including Investments in unconsolidated Subsidiaries)

in each case, of the Issuer and its Restricted Subsidiaries as of a date no earlier than the last day of the date of the Issuer's most recent quarterly or annual period for which internal financial statements are available; *provided* that if no such appraisal has been performed, the Issuer shall not be required to obtain such an appraisal and only clause (iv)(A) of this definition shall apply,

minus, to the extent not otherwise taken into account in the immediately preceding clause (a),

- (b) the sum of:
 - (i) minority interests;
 - (ii) any net natural gas balancing liabilities of the Issuer and its Restricted Subsidiaries as of the last day of the Issuer's most recent annual or quarterly period for which internal financial statements are available to the extent not deducted in calculating Consolidated Net Working Capital of the Issuer and its Restricted Subsidiaries in accordance with clause (a)(iii) of this definition;

- (iii) to the extent included in clause (a)(i) above, the discounted future net revenues, calculated in accordance with SEC guidelines (utilizing the prices utilized in the Issuer's year-end or quarterly reserve report), attributable to reserves that are required to be delivered to third parties to fully satisfy the obligations of the Issuer and its Restricted Subsidiaries with respect to Volumetric Production Payments on the schedules specified with respect thereto; and
- (iv) the discounted future net revenues, calculated in accordance with SEC guidelines, attributable to reserves subject to Dollar-Denominated Production Payments that, based on the estimates of production and price assumptions included in determining the discounted future net revenues specified in clause (a)(i) above, would be necessary to fully satisfy the payment obligations of the Issuer and its Restricted Subsidiaries with respect to Dollar-Denominated Production Payments on 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 purposes of this definition, “control,” as used with respect to any Person, means the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of such Person, whether through the ownership of voting securities, by agreement or otherwise. For purposes of this definition, the terms “controlling,” “controlled by” and “under common control with” have correlative meanings.

“*Agent*” means any Registrar or Paying Agent.

“*Applicable Premium*” means, with respect to any Note on any redemption date, the greater of:

- (1) 1.0% of the principal amount of the Note; or
- (2) the excess of:

(a) the present value at such redemption date of (i) the redemption price of the Note at February 1, 2022 (such redemption price being set forth in the table appearing in Section 3.07(d)) plus (ii) all required interest payments due on the Note through February 1, 2022 (in each case, excluding accrued but unpaid interest to the redemption date), computed using a discount rate equal to the Treasury Rate as of such redemption date plus 50 basis points discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months), over

- (b) the principal amount of the Note.

“*Applicable Procedures*” means, with respect to any transfer or exchange of or for beneficial interests in any Global Note, the rules and procedures of the Depository, Euroclear and Clearstream that apply to such transfer or exchange.

“as determined in good faith by the Issuer” means a determination made in good faith by the Board of Directors of the Issuer or any Officer of the Issuer involved in or otherwise familiar with the transaction for which such determination is being made, any such determination being conclusive for all purposes under this Indenture.

“Asset Sale” means:

(1) the sale, lease (other than operating leases entered into in the ordinary course of business), conveyance or other disposition of any assets or rights by the Issuer or any of the Issuer’s Restricted Subsidiaries; and

(2) the issuance of Equity Interests by any of the Issuer’s Restricted Subsidiaries or the sale by the Issuer or any of the Issuer’s Restricted Subsidiaries of Equity Interests in any of the Issuer’s Subsidiaries (in either case other than Preferred Stock of any Restricted Subsidiary issued in compliance with Section 4.09 and directors’ qualifying shares or shares required by applicable law to be held by a Person other than the Issuer or a Restricted Subsidiary),

provided that, in the case of (1) or (2), the sale, assignment, transfer, conveyance, lease or other disposition of all or substantially all of the properties or assets of the Issuer and its Subsidiaries (including by way of a merger or consolidation) will be governed by Section 4.15 and/or by Section 5.01 and not by the provisions of Section 4.10;

Notwithstanding the preceding, none of the following items will be deemed to be an Asset Sale:

(1) any single transaction or series of related transactions that involves assets or Equity Interests having a Fair Market Value of less than \$25.0 million;

(2) a transfer of assets between or among the Issuer and its Restricted Subsidiaries;

(3) an issuance or sale of Equity Interests by a Restricted Subsidiary of the Issuer to the Issuer or to a Restricted Subsidiary of the Issuer;

(4) the sale, lease or other disposition of products, services, inventory or accounts receivable in the ordinary course of business and any sale or other disposition of surplus, damaged, worn-out or obsolete assets (including the abandonment or other disposition of intellectual property that is, in the reasonable judgment of the Issuer, no longer economically practicable to maintain or useful in the conduct of the business of the Issuer and its Restricted Subsidiaries taken as whole);

(5) the abandonment, farm-out, lease or sublease of developed or undeveloped oil or natural gas properties, or the forfeiture of such properties, owned or held by the Issuer or any of its Restricted Subsidiaries in the ordinary course of business;

(6) licenses and sublicenses by the Issuer or any of its Restricted Subsidiaries of software, intellectual property or other general intangibles in the ordinary course of business;

(7) any surrender or waiver of contract rights or settlement, release, recovery on or surrender of contract, tort or other claims;

(8) the granting, creation or incurrence of Liens not prohibited by Section 4.12 and dispositions in connection with such Liens and the exercise by any Person in whose favor such Lien is granted of any of its rights in respect of such Lien;

(9) the sale or other disposition of cash or Cash Equivalents or other financial instruments (other than Oil and Gas Hedging Contracts);

(10) a disposition of assets that constitutes (or results in by virtue of the consideration received for such disposition) either a Restricted Payment that does not violate Section 4.07 or a Permitted Investment or a Permitted Payment;

(11) a sale or other disposition of Hydrocarbons or other mineral products in the ordinary course of business;

(12) an Asset Swap;

(13) dispositions of crude oil and natural gas properties (whether or not in the ordinary course of business); *provided* that at the time of any such disposition such properties do not have associated with them any proved reserves;

(14) any Production Payments and Reserve Sales; *provided* that any such Production Payments and Reserve Sales, other than incentive compensation programs on terms that are customary in the Oil and Gas Business for geologists, geophysicists and other providers of technical services to the Issuer or a Restricted Subsidiary, shall have been created, incurred, issued, assumed or guaranteed in connection with the financing of, and within 60 days after the acquisition of, the property that is subject thereto;

(15) the disposition of assets or Equity Interests received in settlement of debts owing to a Person as a result of foreclosure, perfection or enforcement of any Lien or debt, which debts were owing to such Person; and

(16) any sale of Equity Interests in, or Indebtedness or other securities of, an Unrestricted Subsidiary.

“*Asset Swap*” means any substantially contemporaneous (and in any event occurring within 180 days of each other) purchase and sale or exchange of any assets or properties used or useful in the Oil and Gas Business between the Issuer or any of its Restricted Subsidiaries and another Person; *provided*, that the Fair Market Value of the properties or assets traded or exchanged by the Issuer or such Restricted Subsidiary (together with any cash or Cash Equivalents) is reasonably equivalent to the Fair Market Value of the properties or assets (together with any cash or Cash Equivalents) to be received by the Issuer or such Restricted Subsidiary; *provided further*, that any net cash or Cash Equivalents received must be applied in accordance with Section 4.10 if then in effect as if the Asset Swap were an Asset Sale.

“*Attributable Debt*” in respect of a sale and leaseback transaction means, at the time of determination, the present value of the obligation of the lessee for net rental payments during the remaining term of the lease included in such sale and leaseback transaction including any period for which such lease has been extended or may, at the option of the lessor, be extended. Such present value shall be calculated using a discount rate equal to the rate of interest implicit in such transaction, determined in accordance with GAAP; *provided, however*, that if such sale and leaseback transaction results in a Finance Lease Obligation, the amount of Indebtedness represented thereby will be determined in accordance with the definition of “Finance Lease Obligation.”

“*Bankruptcy Law*” means Title 11, U.S. Code or any similar federal or state law for the relief of debtors.

“*Beneficial Owner*” has the meaning assigned to such term in Rule 13d-3 and Rule 13d-5 under the Exchange Act, except that in calculating the beneficial ownership of any particular “person” (as that term is used in Section 13(d)(3) of the Exchange Act), such “person” will be deemed to have beneficial ownership of all securities that such “person” has the right to acquire within one year by conversion or exercise of other securities, whether such right is currently exercisable or is exercisable only after the passage of time. The terms “Beneficially Owns” and “Beneficially Owned” have a corresponding meaning. For purposes of this definition, a Person shall be deemed not to Beneficially Own securities that are the subject of a stock purchase agreement, merger agreement, amalgamation agreement, arrangement agreement or similar agreement until consummation of the transactions or, as applicable, series of related transactions contemplated thereby.

“*Board of Directors*” means:

(1) with respect to a corporation, the board of directors of the corporation or any committee thereof duly authorized to act on behalf of such board;

(2) with respect to a limited partnership, the board of directors of the general partner of the partnership;

(3) with respect to a limited liability company, the managing member or members or any controlling committee of managing members thereof; and

(4) with respect to any other Person, the board or committee of such Person serving a similar function.

“*Borrowing Base*” means the maximum amount determined or re-determined by the lenders under the Credit Agreement, having a lender group that includes one or more commercial financial institutions which engage in oil and gas reserve based lending in the ordinary course of their respective businesses, as the aggregate lending value to be ascribed to the Oil and Gas Properties of the Issuer and its Restricted Subsidiaries against which such lenders are prepared to provide loans, letters of credit or other Indebtedness to the Issuer and the Restricted Subsidiaries

under the Credit Agreement, using their customary practices and standards for determining reserve based loans and which are generally applied by commercial lenders to borrowers in the Oil and Gas Business, as determined annually during each year and/or on such other occasions as may be provided for by the Credit Agreement, and which is based upon, *inter alia*, the review by such lenders of the hydrocarbon reserves, royalty interests and assets and liabilities of the Issuer and the Restricted Subsidiaries.

“*Broker-Dealer*” has the meaning assigned to that term pursuant to the applicable Registration Rights Agreement.

“*Business Day*” means any day other than a Legal Holiday.

“*Capital Stock*” means:

- (1) in the case of a corporation, corporate stock;
- (2) in the case of an association or business entity, any and all shares, interests, participations, rights or other equivalents (however designated) of corporate stock;
- (3) in the case of a partnership or limited liability company, partnership interests (whether general or limited) or membership interests; and
- (4) 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, but excluding from all of the foregoing any debt securities exercisable for, exchangeable for or convertible into Capital Stock, whether or not such debt securities include any right of participation with Capital Stock.

“*Cash Equivalents*” means:

- (1) United States dollars;
- (2) securities issued or directly and fully guaranteed or insured by the United States government or any agency or instrumentality of the United States government (*provided* that the full faith and credit of the United States is pledged in support of those securities) having maturities of not more than one year from the date of acquisition;
- (3) marketable general obligations issued by any state of the United States of America or any political subdivision of any such state or any public instrumentality thereof maturing within one year from the date of acquisition thereof and, at the time of acquisition thereof, having a credit rating of “A” or better from either S&P or Moody’s;
- (4) certificates of deposit, demand deposits and eurodollar time deposits with maturities of one year or less from the date of acquisition, bankers’ acceptances with maturities not exceeding six months and overnight bank deposits, in each case, with any domestic commercial bank having capital and surplus in excess of \$500.0 million or that is a lender under the Credit Agreement;

(5) repurchase obligations with a term of not more than seven days for underlying securities of the types described in clauses (2), (3) and (4) above entered into with any financial institution meeting the qualifications specified in clause (4) above;

(6) commercial paper having one of the two highest ratings obtainable from Moody's or S&P and, in each case, maturing within one year after the date of acquisition;

(7) money market funds at least 95% of the assets of which constitute Cash Equivalents of the kinds described in clauses (1) through (6) of this definition;

(8) with respect to any Subsidiary of the Issuer organized or operating outside the United States, investments denominated in local currency that are similar to the items specified in clauses (1) through (7) above; and

(9) marketable short-term money market and similar securities having a rating of at least P-2 or A-2 from either Moody's or S&P, respectively, and in each case maturing within 24 months after the date of the creation thereof.

"Cash Management Obligations" means, with respect to any Person, any obligations of such Person to any lender in respect of treasury management arrangements, depository or other cash management services, including any treasury management line of credit.

"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, directly or indirectly, of more than 50% of the total outstanding Voting Stock of the Issuer (measured by voting power rather than the number of shares), other than any such transaction in which the outstanding Voting Stock of the Issuer 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 Issuer sells, assigns, conveys, transfers, leases or otherwise disposes of all or substantially all of its assets to any Person other than the Issuer or a Subsidiary; or

(3) the Issuer is liquidated or dissolved or adopts a plan of liquidation or dissolution other than in a transaction which complies with the provisions described under Section 5.01.

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

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

“Clearstream” means Clearstream Banking, S.A.

“Code” means the Internal Revenue Code of 1986, as amended from time to time, and any successor statute or statutes thereto.

“Commission” or “SEC” means the Securities and Exchange Commission.

“Consolidated Cash Flow” means, with respect to any specified Person for any period, the Consolidated Net Income of such Person for such period *plus*, without duplication:

(1) an amount equal to any extraordinary expenses or loss plus any net loss realized by such Person or any of its Restricted Subsidiaries in connection with an Asset Sale, to the extent such expenses or losses were deducted in computing such Consolidated Net Income; *plus*

(2) provision for taxes based on income or profits (including state franchise taxes accounted for as income taxes in accordance with GAAP) of such Person and its Restricted Subsidiaries for such period, to the extent that such provision for taxes was deducted in computing such Consolidated Net Income; *plus*

(3) the Fixed Charges of such Person and its Restricted Subsidiaries for such period, to the extent that such Fixed Charges were deducted in computing such Consolidated Net Income; *plus*

(4) depreciation, depletion, amortization (including amortization of intangibles but excluding amortization of prepaid cash expenses that were paid in a prior period), impairment, abandonment expense, non-cash equity based compensation expense and other non-cash charges and expenses (excluding any such non-cash charge or expense to the extent that it represents an accrual of or reserve for cash charges or expenses in any future period or amortization of a prepaid cash charge or expense that was paid in a prior period) of such Person and its Restricted Subsidiaries for such period to the extent that such depreciation, depletion, amortization, impairment, abandonment expense and other non-cash charges or expenses were deducted in computing such Consolidated Net Income; *plus*

(5) if such Person accounts for its oil and gas operations using successful efforts or a similar method of accounting, consolidated exploration expense of such Person and its Restricted Subsidiaries; *minus*

(6) non-cash items increasing such Consolidated Net Income for such period, other than the accrual of revenue in the ordinary course of business; and *minus*

(7) to the extent increasing such Consolidated Net Income for such period, the sum of (a) the amount of deferred revenues that are amortized during such period and are attributable to reserves that are subject to Volumetric Production Payments and (b) amounts recorded in accordance with GAAP as repayments of principal and interest pursuant to Dollar-Denominated Production Payments,

in each case, on a consolidated basis and determined in accordance with GAAP.

“*Consolidated Net Income*” means, with respect to any specified Person for any period, the aggregate of the net income (loss) of such Person and its Restricted Subsidiaries for such period, on a consolidated basis determined in accordance with GAAP and without any reduction in respect of Preferred Stock dividends; *provided that*:

(1) the net income (or loss) of any Person that is not a Restricted Subsidiary or that is accounted for by the equity method of accounting will be included, but only to the extent of, in the case of net income, the amount of dividends or distributions paid in cash to the specified Person or a Restricted Subsidiary of the Person, or, in the case of net loss, the amount of cash that has been contributed by the specified Person or Restricted Subsidiary to fund such loss;

(2) the net income of any Restricted Subsidiary of such Person (other than a Guarantor) will be excluded to the extent that the declaration or payment of dividends or similar distributions by that Restricted Subsidiary of that net income is not at the date of determination permitted, directly or indirectly, by operation of the terms of its charter or any judgment, decree, order, statute, rule or governmental regulation applicable to that Restricted Subsidiary or its stockholders, partners or members or any other loan instrument, agreement or other contractual restriction;

(3) the cumulative effect of a change in accounting principles will be excluded;

(4) any gain (loss), net of taxes (less all fees and expenses relating thereto), realized upon the sale or other disposition of any property, plant or equipment of such Person or its consolidated Restricted Subsidiaries (including pursuant to any sale or leaseback transaction) which is not sold or otherwise disposed of in the ordinary course of business and any gain (loss) realized upon the sale or other disposition of any Capital Stock of any Person, together with any related provision for taxes on any such gain, will be excluded;

(5) to the extent deducted in the calculation of Consolidated Net Income, any non-cash or other charges relating to any premium or penalty paid, write off of deferred financing costs or other financial recapitalization charges in connection with redeeming or retiring any Indebtedness prior to its Stated Maturity will be excluded;

(6) any “ceiling limitation” on oil and gas properties or other asset impairment writedowns on oil and gas properties or other non-current assets under GAAP or SEC guidelines will be excluded; and

(7) any unrealized non-cash gains or losses or charges in respect of Hedging Obligations (including those resulting from the application of FASB ASC Topic No. 815, *Derivatives and Hedging*) will be excluded.

“*Consolidated Net Working Capital*” means (a) all current assets of the Issuer and its Restricted Subsidiaries except current assets from Oil and Gas Hedging Contracts, less (b) all current liabilities of the Issuer and its Restricted Subsidiaries, except (i) current liabilities included in Indebtedness, (ii) current liabilities associated with future abandonment or asset retirement obligations relating to oil and natural gas properties and (iii) any current liabilities from Oil and Gas Hedging Contracts, in each case as set forth in the consolidated financial statements of the Issuer prepared in accordance with GAAP (excluding any adjustments made pursuant to FASB ASC 815).

“*continuing*” means, with respect to any Default or Event of Default, that such Default or Event of Default has not been cured or waived.

“*Corporate Trust Office of the Trustee*” will be at the address of the Trustee specified in Section 12.02 (except with respect to payments on the Notes and any exchange, transfer or surrender of the Notes, in which case this address will be U.S. Bank National Association, 60 Livingston Avenue, St. Paul, Minnesota 55107, Attention: Bond Drop Window, or, at 100 Wall Street, Suite 1600, New York, New York 10005 or such other address as to which the Trustee may give notice to the Issuer).

“*Credit Agreement*” means the Sixth Amended and Restated Credit Agreement dated as of April 13, 2018 among the Issuer, 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, as amended to date and as 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 Facilities*” means one or more debt facilities (including, without limitation, the Credit Agreement), commercial paper facilities, loan agreements or other financing agreements (other than bonds or debt securities) the majority of the loans or commitments under which, collectively, as of the date of the closing of such facilities or agreements, are provided by commercial banks, by affiliates of commercial banks customarily engaging in making or providing commercial loans or other financing, or by governmental authorities, and which facilities or agreements provide for revolving loans, term loans, letters of credit or similar financing arrangements, in each case, as amended, restated, modified, renewed, refunded, replaced or refinanced in whole or in part from time to time with facilities or agreements that satisfy the above requirements.

“*Custodian*” means the Trustee, as custodian with respect to the Notes in global form, or any successor entity thereto.

“*Customary Recourse Exceptions*” means, with respect to any Non-Recourse Debt of an Unrestricted Subsidiary, exclusions from the exculpation provisions with respect to such Non-Recourse Debt for the voluntary bankruptcy of such Unrestricted Subsidiary, fraud, misapplication of cash, environmental claims, waste, willful destruction and other circumstances customarily excluded by lenders from exculpation provisions or included in separate indemnification agreements in non-recourse financings.

“*date of this Indenture*” or “*date hereof*” means January 24, 2020.

“*Default*” means any event that is, or with the passage of time or the giving of notice or both would be, an Event of Default.

“*Definitive Note*” means a certificated Note registered in the name of the Holder thereof and issued in accordance with Section 2.06, substantially in the form of Exhibit A hereto except that such Note shall not bear the Global Note Legend and shall not have the “Schedule of Increases or Decreases of Interests in the Global Note” attached thereto.

“*De Minimis Guaranteed Amount*” means a principal amount of Indebtedness that does not exceed \$25.0 million.

“*Designated Non-cash Consideration*” means the Fair Market Value of non-cash consideration received by the Issuer or a Restricted Subsidiary in connection with an Asset Sale that is so designated as Designated Non-cash Consideration, less the amount of cash or Cash Equivalents received in connection with a subsequent sale of or collection on such Designated Non-cash Consideration.

“*Depository*” means, with respect to the Notes issuable or issued in whole or in part in global form, the Person specified in Section 2.03 as the Depository with respect to the Notes, and any and all successors thereto appointed as depository hereunder and having become such pursuant to the applicable provision of this Indenture.

“*Disqualified Stock*” means any Capital Stock that, by its terms (or by the terms of any security into which it is convertible, or for which it is exchangeable, in each case, at the option of the holder of the Capital Stock), or upon the happening of any event, matures or is mandatorily redeemable, pursuant to a sinking fund obligation or otherwise, or redeemable at the option of the holder of the Capital Stock (other than in exchange for Capital Stock of the Issuer (other than Disqualified Stock)), in whole or in part, on or prior to the date that is 91 days after the earlier of (a) the date on which no Notes are outstanding and (b) the date on which the Notes mature; *provided* that only the portion of Capital Stock which is mandatorily redeemable or matures or is redeemable at the option of the holder thereof prior to such date will be deemed to be Disqualified Stock; *provided further* that any Capital Stock issued pursuant to any plan of the Issuer or any of its Affiliates for the benefit of one or more employees will not constitute Disqualified Stock solely because it may be required to be repurchased by the Issuer or any of its Affiliates in order to satisfy applicable contractual, statutory or regulatory obligations.

Notwithstanding the preceding sentence, any Capital Stock that would constitute Disqualified Stock solely because the holders of the Capital Stock have the right to require the Issuer to repurchase or redeem such Capital Stock upon the occurrence of a change of control or an asset sale will not constitute Disqualified Stock if (x) the terms of such Capital Stock provide that the Issuer may not repurchase or redeem any such Capital Stock pursuant to such provisions unless such repurchase or redemption complies with Section 4.07 or (y) the terms of such Capital Stock provide that the Issuer may not repurchase or redeem any such Capital Stock pursuant to such provisions prior to the Issuer’s purchase of the Notes as is required to be purchased pursuant to the provisions of this Indenture. The amount (or principal amount) of Disqualified Stock deemed to be outstanding at any time for purposes of this Indenture will be the maximum amount that the Issuer and its Restricted Subsidiaries may become obligated to pay upon the maturity of, or pursuant to any mandatory redemption provisions of, such Disqualified Stock, exclusive of accrued dividends.

“*Dollar-Denominated Production Payments*” means production payment obligations recorded as liabilities in accordance with GAAP, together with all undertakings and obligations in connection therewith.

“*Equity Interests*” of any Person means (1) any and all Capital Stock of such Person and (2) all rights to purchase, warrants or options (whether or not currently exercisable), participations or other equivalents of or interests in (however designated) such Capital Stock of such Person, but excluding from all of the foregoing any debt securities exercisable for, exchangeable for or convertible into Equity Interests, regardless of whether such debt securities include any right of participation with Equity Interests.

“*Equity Offering*” means a sale of Equity Interests of the Issuer (other than Disqualified Stock and other than to a Subsidiary of the Issuer) made for cash or any cash contribution to the capital of the Issuer in respect of Equity Interests (other than Disqualified Stock), in each case after the date of this Indenture.

“*Euroclear*” means Euroclear Bank, S.A./N.V., as operator of the Euroclear system.

“*Exchange Act*” means the Securities Exchange Act of 1934, as amended.

“*Exchange Notes*” means the notes issued in an Exchange Offer pursuant to Section 2.06(f) of this Indenture.

“*Exchange Offer*” has the meaning set forth for such term in the applicable Registration Rights Agreement.

“*Exchange Offer Registration Statement*” has the meaning set forth for such term in the applicable Registration Rights Agreement.

“*Existing Indebtedness*” means all Indebtedness of the Issuer and its Subsidiaries (other than Indebtedness under the Credit Agreement) in existence on the date of this Indenture, until such amounts are repaid.

“*Fair Market Value*” means the value that would be paid by a willing buyer to an unaffiliated willing seller in a transaction not involving distress or necessity of either party.

“*Finance Lease Obligation*” means, at the time any determination is to be made, the amount of the liability in respect of a finance lease that would at that time be required to be capitalized on a balance sheet prepared in accordance with GAAP, with the amount of Indebtedness represented by such obligation being the capitalized amount of such obligation determined in accordance with GAAP, and the Stated Maturity thereof being the date of the last payment of rent or any other amount due under such lease prior to the first date upon which such lease may be prepaid by the lessee without payment of a penalty. Notwithstanding the foregoing, any lease (whether entered into before or after the date of this Indenture) that would have been classified as an operating lease pursuant to GAAP as in effect on the date of this Indenture will be deemed not to represent a Finance Lease Obligation. For purposes of Section 4.12, a Finance Lease Obligation will be deemed to be secured by a Lien on the property being leased.

“Fixed Charge Coverage Ratio” means with respect to any specified Person for any four-quarter reference period, the ratio of the Consolidated Cash Flow of such Person for such period to the Fixed Charges of such Person for such period. In the event that the specified Person or any of its Restricted Subsidiaries incurs, assumes, guarantees, repays, repurchases, redeems, defeases or otherwise discharges any Indebtedness (other than ordinary working capital borrowings) or issues, repurchases or redeems Preferred Stock subsequent to the commencement of the period for which the Fixed Charge Coverage Ratio is being calculated and on or prior to the date on which the event for which the calculation of the Fixed Charge Coverage Ratio is made (the “Calculation Date”), then the Fixed Charge Coverage Ratio will be calculated giving pro forma effect to such incurrence, assumption, guarantee, repayment, repurchase, redemption, defeasance or other discharge of Indebtedness, or such issuance, repurchase or redemption of Preferred Stock, and the use of the proceeds therefrom, as if the same had occurred at the beginning of the applicable four-quarter reference period (except that in making such computation, the amount of Indebtedness under any revolving Credit Facility outstanding on the date of such determination will be deemed to be (i) the average daily balance of such Indebtedness during such four fiscal quarters or such shorter period for which such Credit Facility was outstanding or (ii) if such revolving Credit Facility was created after the end of such four fiscal quarters, the average daily balance of such Indebtedness during the period from the date of creation of such revolving Credit Facility to the date of such determination). If any Indebtedness bears a floating rate of interest and is being given pro forma effect, the interest expense on such Indebtedness will be calculated as if the average rate in effect from the beginning of such period to the Calculation Date had been the applicable rate for the entire period (taking into account any interest Hedging Obligation applicable to such Indebtedness, but if the remaining term of such interest Hedging Obligation is less than twelve months, then such interest Hedging Obligation shall only be taken into account for that portion of the period equal to the remaining term thereof). If any Indebtedness that is being given pro forma effect bears an interest rate at the option of such Person, the interest rate shall be calculated by applying such option rate chosen by such Person. Interest on Indebtedness that may optionally be determined at an interest rate based upon a factor of a prime or similar rate, a Eurocurrency interbank offered rate, or other rate, shall be deemed to have been based upon the rate actually chosen, or if none, then based upon such optional rate chosen as such Person may designate. Interest on any Indebtedness under a revolving Credit Facility will be calculated based upon the average daily balance of such Indebtedness during the applicable period.

In addition, for purposes of calculating the Fixed Charge Coverage Ratio:

(1) acquisitions or Investments that have been made, or contributions received, by the specified Person or any of its Restricted Subsidiaries, including through mergers, consolidations or otherwise (including acquisitions or Investments or contributions of assets used or useful in the Oil and Gas Business), or any Person or any of its Restricted Subsidiaries acquired by the specified Person or any of its Restricted Subsidiaries, and including all related financing transactions and including increases in ownership of Restricted Subsidiaries, during the four-quarter reference period or subsequent to such four-quarter reference period and on or prior to the Calculation Date, or that are to be made on the Calculation Date, will be given pro forma effect as if they had occurred on the first day of the four-quarter reference period;

(2) the Consolidated Cash Flow attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses or Investments (or ownership interests therein) disposed of on or prior to the Calculation Date, will be excluded;

(3) the Fixed Charges attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses or Investments (or ownership interests therein) disposed of on or prior to the Calculation Date, will be excluded, but only to the extent that the obligations giving rise to such Fixed Charges will not be obligations of the specified Person or any of its Restricted Subsidiaries following the Calculation Date;

(4) any Person that is to be a Restricted Subsidiary of the specified Person immediately following the Calculation Date will be deemed to have been a Restricted Subsidiary at all times during such four-quarter reference period;

(5) any Person that is not to be a Restricted Subsidiary of the specified Person immediately following the Calculation Date will be deemed not to have been a Restricted Subsidiary at any time during such four-quarter reference period;

(6) interest income reasonably anticipated by such Person to be received during the applicable four-quarter reference period from cash or Cash Equivalents held by such Person or any Restricted Subsidiary of such Person, which cash or Cash Equivalents exist on the Calculation Date or will exist as a result of the transaction giving rise to the need to calculate the Fixed Charge Coverage Ratio, will be included; and

(7) if, since the beginning of such four-quarter reference period, any Person (that subsequently became a Restricted Subsidiary or was merged or consolidated with or into such Person or any of its Restricted Subsidiaries since the beginning of such four-quarter reference period) disposed of any operations or businesses or Investments (or ownership interests therein) or made any acquisition or Investment or received any contribution that would have required an adjustment pursuant to clause (1), (2) or (3) above if made by such Person or any of its Restricted Subsidiaries during such four-quarter reference period, Consolidated Cash Flow and Fixed Charges for such period will be calculated after giving pro forma effect thereto as if such disposition or acquisition, contribution or Investment had occurred on the first day of such four-quarter reference period.

For purposes of this definition, whenever pro forma effect is to be given to any calculation under this definition, the pro forma calculations will be determined in good faith by a responsible financial or accounting Officer of the Issuer, which determination shall be conclusive for all purposes under this Indenture; *provided* that such Officer may in such Officer's discretion include any reasonably identifiable and factually supportable pro forma changes to Consolidated Cash Flow or Fixed Charges, including any pro forma expense and cost reductions or synergies that have occurred or are reasonably expected to occur within the 12 months immediately following the Calculation Date (regardless of whether those cost savings or operating improvements could then be reflected in pro forma financial statements in accordance with Regulation S-X promulgated under the Securities Act or any other regulation or policy of the SEC related thereto).

“Fixed Charges” means, with respect to any specified Person for any period, the sum, without duplication, of:

(1) the consolidated interest expense (less interest income) of such Person and its Restricted Subsidiaries for such period, whether paid or accrued (excluding (i) any interest attributable to Dollar-Denominated Production Payments, (ii) write-off of deferred financing costs and (iii) accretion of interest charges on future plugging and abandonment obligations, future retirement benefits and other obligations that do not constitute Indebtedness, but including, without limitation, amortization of debt issuance costs and original issue discount, non-cash interest payments, the interest component of all payments associated with Finance Lease Obligations, imputed interest with respect to Attributable Debt, commissions, discounts and other fees and charges incurred in respect of letter of credit or bankers’ acceptance financings), and net of the effect of all payments made or received pursuant to Hedging Obligations in respect of interest rates; *plus*

(2) the consolidated interest expense of such Person and its Restricted Subsidiaries that was capitalized during such period; *plus*

(3) any interest on Indebtedness of another Person (other than Non-Recourse Debt of any Unrestricted Subsidiary or Joint Venture incurred pursuant to Section 4.09(b)(14)) that is guaranteed by such Person or one of its Restricted Subsidiaries or secured by a Lien on assets of such Person or one of its Restricted Subsidiaries, whether or not such guarantee or Lien is called upon; *plus*

(4) all dividends, whether paid or accrued and whether or not in cash, on any series of Disqualified Stock of such Person or any series of Preferred Stock of its Restricted Subsidiaries, other than dividends on Equity Interests payable solely in Equity Interests of such Person (other than Disqualified Stock) or to such Person or a Restricted Subsidiary of such Person,

in each case, on a consolidated basis and determined in accordance with GAAP.

“GAAP” means generally accepted accounting principles in the United States, which are in effect from time to time. All ratio computations based on GAAP contained in this Indenture will be computed in conformity with GAAP.

“Global Note Legend” means the legend set forth in Section 2.06(g)(2), which is required to be placed on all Global Notes issued under this Indenture.

“Global Notes” means, individually and collectively, each of the Restricted Global Notes and the Unrestricted Global Notes deposited with or on behalf of and registered in the name of the Depositary or its nominee, substantially in the form of Exhibit A hereto and that bears the Global Note Legend and that has the “Schedule of Increases or Decreases of Interests in the Global Note” attached thereto issued in accordance with Section 2.01, 2.06(b)(4) 2.06(d)(4) or 2.06(f).

“Government Securities” means direct obligations of, or obligations guaranteed by, the United States of America, and the payment for which the United States pledges its full faith and credit.

“*Guarantee*” means the guarantee by each Guarantor of the Issuer’s obligations under this Indenture and the Notes, as provided in Article 10.

“*guarantee*” means a guarantee other than by endorsement of negotiable instruments for collection in the ordinary course of business, direct or indirect, in any manner including, without limitation, by way of a pledge of assets or through letters of credit or reimbursement agreements in respect thereof, of all or any part of any Indebtedness (whether arising by virtue of partnership arrangements, or by agreements to keep-well, to purchase assets, goods, securities or services, to take or pay or to maintain financial statement conditions or otherwise). When used as a verb, “*guarantee*” has a correlative meaning.

“*Guarantors*” means any Subsidiary of the Issuer that guarantees the Notes in accordance with the provisions of this Indenture, and their respective successors and assigns, in each case, until the Guarantee of such Person has been released in accordance with the provisions of this Indenture.

“*Hedging Obligations*” means, with respect to any specified Person, the obligations of such Person under any (a) Interest Rate Agreement, (b) Oil and Gas Hedging Contract, or (c) other agreements or arrangements designed to protect such Person against or to manage exposure to fluctuations in currency exchange rates.

“*Holder*” means a Person in whose name a Note is registered.

“*Hydrocarbons*” means oil, natural gas, casing head gas, drip gasoline, natural gasoline, condensate, distillate, liquid hydrocarbons, gaseous hydrocarbons and all constituents, elements or compounds thereof and products refined or processed therefrom.

“*IAI Global Note*” means a Global Note substantially in the form of Exhibit A hereto bearing the Global Note Legend and the Private Placement Legend and deposited with or on behalf of and registered in the name of the Depositary or its nominee that will be issued in a denomination equal to the outstanding principal amount of the Notes resold to Institutional Accredited Investors.

“*Indebtedness*” means, with respect to any specified Person, any indebtedness of such Person (excluding accrued expenses and Trade Payables), whether or not contingent:

(1) in respect of borrowed money;

(2) (a) evidenced by bonds, notes, debentures or similar instruments or (b) constituting letters of credit (or reimbursement agreements in respect thereof) (other than obligations with respect to letters of credit securing obligations (other than obligations described in clauses (1), (2)(a), (3), (4) or (6) of this definition) entered into in the ordinary course of business of such Person to the extent such letters of credit are not drawn upon or, if and to the extent drawn upon, such drawing is reimbursed no later than the tenth Business Day following payment on the letter of credit);

(3) in respect of bankers’ acceptances;

(4) representing Finance Lease Obligations or Attributable Debt in respect of sale and leaseback transactions;

(5) representing the balance deferred and unpaid of the purchase price of any property or services due more than six months after such property is acquired or such services are completed; or

(6) representing any Hedging Obligations,

if and to the extent any of the preceding items (other than letters of credit, Attributable Debt and Hedging Obligations) would appear as a liability upon a balance sheet of the specified Person prepared in accordance with GAAP. In addition, the term "Indebtedness" includes all Indebtedness of others secured by a Lien on any asset of the specified Person (whether or not such Indebtedness is assumed by the specified Person) and, to the extent not otherwise included, the guarantee by the specified Person of any Indebtedness of any other Person (including, with respect to any Production Payment, any warranties or guarantees of production or payment by such Person with respect to such Production Payment, but excluding other contractual obligations of such Person with respect to such Production Payment). Subject to the preceding sentence, neither Dollar-Denominated Production Payments nor Volumetric Production Payments shall be deemed to be Indebtedness.

In addition, "Indebtedness" of any Person shall include Indebtedness described in the preceding paragraph that would not appear as a liability on the balance sheet of such Person if:

(1) such Indebtedness is the obligation of a partnership that is a Joint Venture;

(2) such Person or a Restricted Subsidiary of such Person is a general partner of the Joint Venture (a "*Joint Venture General Partner*"); and

(3) there is recourse, by contract or operation of law, with respect to the payment of such Indebtedness to property or assets of such Person or a Restricted Subsidiary of such Person; and then such Indebtedness shall be included in an amount not to exceed:

(a) the lesser of (i) the net assets of the Joint Venture General Partner and (ii) the amount of such obligations to the extent that there is recourse, by contract or operation of law, to the property or assets of such Person or a Restricted Subsidiary of such Person; or

(b) if less than the amount determined pursuant to clause (a) immediately above, the actual amount of such Indebtedness that is recourse to such Person or a Restricted Subsidiary of such Person, if the Indebtedness is evidenced by a writing and is for a determinable amount and the related interest expense shall be included in Fixed Charges to the extent actually paid by such Person or its Restricted Subsidiaries.

Notwithstanding the foregoing, the following shall not in any event constitute "Indebtedness":

(1) any indebtedness which has been defeased or discharged in accordance with GAAP or defeased or discharged pursuant to the deposit of cash or Cash Equivalents (in an amount sufficient to satisfy all such indebtedness at maturity or redemption, as applicable, and all payments of interest and premium, if any) in a trust or account created or pledged for the sole benefit of the holders of such indebtedness, and subject to no other Liens, and the other applicable terms of the instrument governing such indebtedness;

(2) any obligation of a Person in respect of a farm-in agreement or similar arrangement whereby such Person agrees to pay all or a share of the drilling, completion or other expenses of an exploratory or development well (which agreement may be subject to a maximum payment obligations, after which expenses are shared in accordance with the working or participation interest therein or in accordance with the agreement of the parties) or perform the drilling, completion or other operation on such well in exchange for an ownership interest in an oil or gas property;

(3) any unrealized losses or charges in respect of Interest Rate Agreements or Oil and Gas Hedging Contracts (including those resulting from the application of FASB ASC 815);

(4) all contracts and other obligations, agreements, instruments or arrangements described in clauses (10), (18) and (19) of the definition of "Permitted Liens"; and

(5) Cash Management Obligations.

"*Indenture*" means this Indenture, as amended or supplemented from time to time.

"*Indirect Participant*" means a Person who holds a beneficial interest in a Global Note through a Participant.

"*Initial Notes*" means the first \$550,000,000 aggregate principal amount of Notes issued under this Indenture on the date hereof.

"*Initial Purchasers*" means BofA Securities, Inc., J.P. Morgan Securities LLC, Wells Fargo Securities, Citigroup Global Markets Inc., BMO Capital Markets Corp., Mizuho Securities USA LLC, Barclays Capital Inc., Credit Suisse Securities (USA) LLC, Natixis Securities Americas LLC, PNC Capital Markets LLC, ABN AMRO Securities (USA) LLC, BBVA Securities Inc., BOK Financial Securities, Inc., SunTrust Robinson Humphrey, Inc., Capital One Securities, Inc., Credit Agricole Securities (USA) Inc., MUFG Securities Americas Inc., RBC Capital Markets, LLC, SG Americas Securities, LLC, CIBC World Markets Corp., Comerica Securities, Inc., Commonwealth Bank of Australia, KeyBanc Capital Markets Inc. and Scotia Capital (USA) Inc.

"*Institutional Accredited Investor*" means an institution that is an "accredited investor" as defined in Rule 501(a)(1), (2), (3) or (7) under the Securities Act that is not also a QIB.

"*Interest Rate Agreement*" means any interest rate swap agreement (whether from fixed to floating or from floating to fixed), interest rate cap agreement, interest rate collar agreement or other similar agreement or arrangement designed to protect the Issuer or any of its Restricted Subsidiaries against fluctuations in interest rates and is not for speculative purposes.

“Investment Grade Rating” means a rating equal to or higher than Baa3 (or the equivalent) by Moody’s or BBB- (or the equivalent) by S&P (or, if either such entity ceases to rate the Notes for reasons outside of the control of the Issuer, the equivalent investment grade credit rating from any other “nationally recognized statistical rating organization” within the meaning of Section 3(a)(62) of the Exchange Act selected by the Issuer as a replacement agency).

“Investments” means, with respect to any Person, all direct or indirect investments by such Person in other Persons (including Affiliates) in the forms of loans (including guarantees), advances or capital contributions, and purchases or other acquisitions for consideration of Indebtedness, Equity Interests or other securities, together with all items that are or would be classified as investments on a balance sheet prepared in accordance with GAAP (excluding, in each case, (1) commission, travel and similar advances to officers and employees made in the ordinary course of business, (2) any interest in an oil or natural gas leasehold to the extent constituting a security under applicable law and (3) advances to customers in the ordinary course of business that are recorded as accounts receivable on the balance sheet of the lender, prepaid expenses or deposits and extensions of trade credit on commercially reasonable terms in accordance with normal trade practices). If the Issuer or any Restricted Subsidiary of the Issuer sells or otherwise disposes of any Equity Interests of any direct or indirect Restricted Subsidiary of the Issuer such that, after giving effect to any such sale or disposition, such Person is no longer a Restricted Subsidiary of the Issuer (other than the sale of all of the outstanding Capital Stock of such Subsidiary), the Issuer will be deemed to have made an Investment on the date of any such sale or disposition equal to the Fair Market Value of the Issuer’s Investments in such Subsidiary that were not sold or disposed of in an amount determined as provided in the penultimate paragraph of Section 4.07. The acquisition by the Issuer or any Restricted Subsidiary of the Issuer of a Person that holds an Investment in a third Person will be deemed to be an Investment by the Issuer or such Restricted Subsidiary in such third Person in an amount equal to the Fair Market Value of the Investments held by the acquired Person in such third Person in an amount determined as provided in the final paragraph of Section 4.07. Except as otherwise provided in this Indenture, the amount of an Investment will be determined at the time the Investment is made and without giving effect to subsequent changes in value or write-ups, write-downs or write-offs with respect to such Investment.

“Joint Venture” means any Person that is not a direct or indirect Subsidiary of the Issuer in which the Issuer or any of its Restricted Subsidiaries makes any Investment.

“Legal Holiday” means a Saturday, a Sunday or a day on which banking institutions in the City of Fort Worth, Texas or the City of New York, New York are authorized by law, regulation or executive order to remain closed.

“Letter of Transmittal” means the letter of transmittal to be prepared by the Issuer and sent to all Holders of Notes for use by such Holders in connection with an Exchange Offer.

“*Lien*” means, with respect to any asset, any mortgage, lien, pledge, charge, security interest or encumbrance of any kind in respect of such asset, whether or not filed, recorded or otherwise perfected under applicable law, including any conditional sale or other title retention agreement, any lease in the nature thereof, any option or other agreement to sell or give a security interest in and any filing of or agreement to give any financing statement under the Uniform Commercial Code (or equivalent statutes) of any jurisdiction other than a precautionary financing statement respecting a lease not intended as a security agreement.

“*Moody’s*” means Moody’s Investors Service, Inc. and any successor to the ratings business thereof.

“*Net Proceeds*” means the aggregate cash proceeds and Cash Equivalents received by the Issuer or any of its Restricted Subsidiaries in respect of any Asset Sale (including, without limitation, any cash or Cash Equivalents received upon the sale or other disposition of any non-cash consideration received in any Asset Sale but excluding any non-cash consideration deemed to be cash or Cash Equivalents for purposes Section 4.10), net of (i) the costs relating to such Asset Sale, including, without limitation, legal, title and recording expenses, accounting and investment banking fees, and sales commissions, (ii) distributions and other payments required to be made to minority interest holders in Subsidiaries or joint ventures as a result of such Asset Sale, (iii) any relocation expenses and severance and associated costs, expenses and charges of personnel relating to the assets subject to or incurred as a result of the Asset Sale, (iv) taxes paid or payable as a result of the Asset Sale, in each case, after taking into account any available tax credits or deductions and any tax sharing arrangements, (v) amounts required to be applied to the repayment of Indebtedness (other than revolving credit Indebtedness under a Credit Facility that is secured by a Lien on the asset or assets that were the subject of such Asset Sale), and (vi) any reserve for adjustment or indemnification obligations in respect of the sale price of such asset or assets established in accordance with GAAP.

“*Non-Recourse Debt*” means, with respect to Indebtedness of any Unrestricted Subsidiary or Joint Venture, Indebtedness:

(1) as to which neither the Issuer nor any of its Restricted Subsidiaries (a) provides credit support under any undertaking, agreement or instrument that would constitute Indebtedness or (b) is directly or indirectly liable as a guarantor or otherwise, except for Customary Recourse Exceptions and except by the pledge of (or a Guaranty limited in recourse solely to) the Equity Interests of such Unrestricted Subsidiary or Joint Venture; and

(2) as to which the lenders will not have any recourse to the Capital Stock or assets of the Issuer or any of its Restricted Subsidiaries (other than the Equity Interests of such Unrestricted Subsidiary or Joint Venture), except for Customary Recourse Exceptions.

“*Non-U.S. Person*” means a Person who is not a U.S. Person.

“*Notes*” has the meaning assigned to it in the preamble to this Indenture. The Initial Notes and any Additional Notes and all Exchange Notes issued in exchange for Initial Notes or any Additional Notes shall be treated as a single class for all purposes under this Indenture, and unless the context otherwise requires, all references to the Notes shall include the Initial Notes and any Additional Notes and any Exchange Notes.

“*Obligations*” means any principal, interest, penalties, fees, indemnifications, reimbursements, damages and other liabilities payable under the documentation governing any Indebtedness.

“*Offering Memorandum*” means the offering memorandum of the Issuer dated January 9, 2020 relating to the issuance of the Initial Notes.

“*Officer*” means, with respect to any Person, the Chairman of the Board, the Chief Executive Officer, the President, the Chief Operating Officer, the Chief Financial Officer, the Chief Accounting Officer, the Treasurer, any Assistant Treasurer, the Controller, the Secretary, any Assistant Secretary or any Vice President of such Person (or, if such Person is a limited partnership, the Chairman of the Board, the Chief Executive Officer, the President, the Chief Operating Officer, the Chief Financial Officer, the Chief Accounting Officer, the Treasurer, any Assistant Treasurer, the Controller, the Secretary, any Assistant Secretary, any Vice President or any Assistant Vice President of such Person’s general partner).

“*Officers’ Certificate*” means a certificate signed on behalf of the Issuer by two of its Officers, one of whom must be the principal executive officer, the principal financial officer or the principal accounting officer, that meets the requirements of Section 12.05.

“*Oil and Gas Business*” means (i) the acquisition, exploration, development, production, operation and disposition of interests in oil, gas and other Hydrocarbon properties, (ii) the gathering, marketing, treating, processing, storage, selling and transporting of any production from such interests or properties, (iii) any business relating to exploration for or development, production, treatment, processing, storage, transportation or marketing of oil, gas and other minerals and products produced in association therewith and (iv) any activity that, as determined in good faith by the Issuer, arises from, relates to or is ancillary, complementary or incidental to or necessary or appropriate for the activities described in clauses (i) through (iii) of this definition.

“*Oil and Gas Hedging Contracts*” means any puts, cap transactions, floor transactions, collar transactions, forward contract, commodity swap agreement, commodity option agreement or other similar agreement or arrangement in respect of Hydrocarbons to be purchased, used, produced, processed or sold by the Issuer or any of its Restricted Subsidiary that are customary in the Oil and Gas Business and designed to protect against or manage price risks, basis risks or other risks encountered in the Oil and Gas Business and not for speculative purposes.

“*Oil and Gas Properties*” means all properties, including equity or other ownership interest therein, owned by such Person or any of its Restricted Subsidiaries which contain or are believed to contain “proved oil and gas reserves” as defined in Rule 4-10 of Regulation S-X of the Securities Act.

“*Opinion of Counsel*” means an opinion from legal counsel who is reasonably acceptable to the Trustee, that meets the requirements of Section 12.04, which counsel may be an employee of or counsel to the Issuer, any Subsidiary of the Issuer or the Trustee.

“*Participant*” means, with respect to the Depository, Euroclear or Clearstream, a Person who has an account with the Depository, Euroclear or Clearstream, respectively (and, with respect to DTC, shall include Euroclear and Clearstream).

“*Permitted Acquisition Indebtedness*” means Indebtedness or Disqualified Stock or Preferred Stock of the Issuer or any of its Restricted Subsidiaries to the extent such Indebtedness or Disqualified Stock or Preferred Stock (i) was Indebtedness or Disqualified Stock or Preferred Stock of any other Person existing at the time (a) such Person became a Restricted Subsidiary of the Issuer or (b) such Person was merged or consolidated with or into the Issuer or any of its Restricted Subsidiaries, or (ii) is incurred in contemplation of the foregoing, provided that on the date such Person became a Restricted Subsidiary or the date such Person was merged or consolidated with or into the Issuer or any of its Restricted Subsidiaries, as applicable, either of:

(1) immediately after giving effect to such transaction and any related financing transaction on a pro forma basis as if the same had occurred at the beginning of the applicable four-quarter period, the Issuer or such Person (if the Issuer is not the survivor in the transaction) would be permitted to incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in Section 4.09(a); or

(2) immediately after giving effect to such transaction and any related financing transaction on a pro forma basis as if the same had occurred at the beginning of the applicable four-quarter period, the Fixed Charge Coverage Ratio of the Issuer or such Person (if the Issuer is not the survivor in the transaction) is equal to or greater than the Fixed Charge Coverage Ratio of the Issuer immediately prior to such transaction.

“*Permitted Business Investments*” means Investments made in the ordinary course of, or of a nature that is or shall have become customary in, the Oil and Gas Business as a means of actively exploiting, exploring for, acquiring, developing, processing, gathering, marketing or transporting oil and natural gas through agreements, transactions, interests or arrangements which permit one to share risks or costs, comply with regulatory requirements regarding local ownership or satisfy other objectives customarily achieved through the conduct of Oil and Gas Business jointly with third parties, including, without limitation, (i) ownership interests in oil, natural gas, other Hydrocarbon properties or any interest therein or gathering, transportation, processing, storage or related systems, (ii) entry into and Investments and expenditures in the form of or pursuant to operating agreements, processing agreements, farm-in agreements, farm-out agreements, development agreements, area of mutual interest agreements, unitization agreements, pooling agreements, joint bidding agreements, service contracts, joint venture agreements, partnership agreements (whether general or limited), subscription agreements, stock purchase agreements and other similar or customary agreements, (iii) working interests, royalty interests, mineral leases, production sharing agreements, production sales and marketing agreements, oil or gas leases, overriding royalty agreements, net profits agreements, production payment agreements or royalty trust agreements, (iv) Investments of operating funds on behalf of co-owners of properties used in the Oil and Gas Business of the Issuer or its Restricted Subsidiaries pursuant to joint operating agreements, and (v) direct or indirect ownership interests in drilling rigs, fracturing units and other related equipment.

“Permitted Investments” means:

- (1) any Investment in the Issuer (including, without limitation, through the purchase of any Notes) or in a Restricted Subsidiary of the Issuer;
- (2) any Investment in cash and Cash Equivalents;
- (3) any Investment by the Issuer or any Restricted Subsidiary of the Issuer in a Person, if as a result of such Investment:
 - (a) such Person becomes a Restricted Subsidiary of the Issuer; or
 - (b) such Person is merged, consolidated or amalgamated with or into, or transfers or conveys substantially all of its properties or assets to, or is liquidated into, the Issuer or a Restricted Subsidiary of the Issuer;
- (4) any Investment made as a result of the receipt of non-cash consideration from an Asset Sale or Asset Swap that was made pursuant to and in compliance with Section 4.10;
- (5) any acquisition of assets or Capital Stock solely in exchange for the issuance of, or with or out of the net cash proceeds of the substantially concurrent (a) contribution (other than from a Restricted Subsidiary) to the equity capital of the Issuer in respect of, or (b) sale (other than to a Restricted Subsidiary) of, Equity Interests (other than Disqualified Stock) of the Issuer; *provided* that in each such case, the amount of such issuance, contribution or sale will be disregarded for purposes of clause (C)(ii) of Section 4.07(a);
- (6) any Investments received in compromise or resolution of (a) obligations of trade creditors or customers that were incurred in the ordinary course of business of the Issuer or any of its Restricted Subsidiaries, including pursuant to any plan of reorganization or similar arrangement upon the bankruptcy or insolvency of any trade creditor or customer; or (b) litigation, arbitration or other disputes;
- (7) Investments represented by Hedging Obligations;
- (8) Investments in any Person to the extent such Investments consist of prepaid expenses, negotiable instruments held for collection and lease, utility and workers’ compensation, performance and other deposits made in the ordinary course of business by the Issuer or any of its Restricted Subsidiaries;
- (9) relocation allowances for, and loans or advances to, officers, directors or employees made in the ordinary course of business of the Issuer or any Restricted Subsidiary of the Issuer;
- (10) repurchases of the Notes or Guarantees;
- (11) any guarantee of Indebtedness of (a) the Issuer or a Restricted Subsidiary or (b) any Person that is not an Affiliate of the Issuer, in each case permitted to be incurred by Section 4.09;

(12) any Investment existing on, or made pursuant to binding commitments existing on, the date of this Indenture and any Investment consisting of an extension, modification or renewal of any Investment existing on, or made pursuant to a binding commitment existing on, the date of this Indenture; *provided* that the amount of any such Investment may be increased (a) as required by the terms of such Investment as in existence on the date of this Indenture or (b) as otherwise permitted under this Indenture;

(13) Investments acquired after the date of this Indenture as a result of the acquisition by the Issuer or any Restricted Subsidiary of the Issuer of another Person, including by way of a merger or consolidation with or into the Issuer or any of its Restricted Subsidiaries in a transaction that is not prohibited by Section 5.01 after the date of this Indenture to the extent that such Investments were not made in contemplation of such acquisition, merger or consolidation and were in existence on the date of such acquisition, merger or consolidation;

(14) Permitted Business Investments;

(15) Investments received as a result of a foreclosure by, or other transfer of title to, the Issuer or any of its Restricted Subsidiaries with respect to any secured Investment in default;

(16) receivables owing to the Issuer or any Restricted Subsidiary created or acquired in the ordinary course of business and payable or dischargeable in accordance with customary trade terms; *provided, however*, that such trade terms may include such concessionary trade terms as the Issuer or any such Restricted Subsidiary deems reasonable under the circumstances;

(17) Investments consisting of Oil and Gas Hedging Contracts or Interest Rate Agreements permitted under Section 4.09;

(18) Guarantees or other Investments arising from the incurrence of Indebtedness by the Issuer or any Restricted Subsidiary with respect to Indebtedness of any Unrestricted Subsidiary or Joint Venture permitted under Section 4.09(b)(14);

(19) Guarantees of performance or other obligations (other than Indebtedness) arising in the ordinary course in the Oil and Gas Business, including obligations under oil and natural gas exploration, development, joint operating, and related agreements and licenses, concessions or operating leases related to the Oil and Gas Business;

(20) advances and prepayments for asset purchases in the ordinary course of business in the Oil and Gas Business of the Issuer or any Restricted Subsidiary; and

(21) any Investment in any Person having an aggregate Fair Market Value (measured on the date such Investment was made and without giving effect to subsequent changes in value) that, when taken together with the Fair Market Value (as so measured) of all other Investments made pursuant to this clause (21) that are at the time outstanding, that does not exceed the greater of (a) \$350.0 million and (b) 5.0% of Adjusted Consolidated Net Tangible Assets determined at the time such Investment is made;

provided, however, that if any Investment pursuant to this clause (21) is made in any Person that is not a Restricted Subsidiary of the Issuer at the date of the making of such Investment and such Person becomes a Restricted Subsidiary of the Issuer after such date, such Investment shall thereafter be deemed to have been made pursuant to clause (1) above and shall cease to have been made pursuant to this clause (21) for so long as such Person continues to be a Restricted Subsidiary of the Issuer (unless the Issuer otherwise classifies such Investment in compliance with this Indenture).

With respect to any Investment, the Issuer may, in its sole discretion, classify all or any portion of such Investment in one or more of the above clauses so that the entire Investment is a Permitted Investment.

“*Permitted Liens*” means:

(1) Liens on assets of the Issuer or any Restricted Subsidiary securing Indebtedness under Credit Facilities that was permitted by the terms of this Indenture to be incurred pursuant to clause (1) of Section 4.09(b);

(2) Liens in favor of the Issuer or the Guarantors;

(3) Liens on property of a Person existing at the time such Person becomes a Restricted Subsidiary of the Issuer or is merged with or into or consolidated with the Issuer or any Restricted Subsidiary of the Issuer; *provided* that such Liens do not extend to any other property owned by such Person or any of its Restricted Subsidiaries;

(4) Liens on property (including Capital Stock) existing at the time of acquisition of the property by the Issuer or any Subsidiary of the Issuer; *provided* that such Liens do not extend to any property other than that acquired;

(5) pledges or deposits or other Liens to secure the performance of statutory obligations, insurance, surety or appeal bonds, workers' compensation, unemployment and similar obligations, bid, leases (including, without limitation, statutory and common law landlord's liens), government contracts, plugging and abandonment obligations and performance bonds or other obligations of a like nature incurred in the ordinary course of business (including Liens to secure letters of credit issued to assure payment of such obligations);

(6) Liens securing Indebtedness represented by Finance Lease Obligations, mortgage financings or purchase money obligations or other Indebtedness, in each case, incurred for the purpose of financing all or any part of the purchase price or other acquisition cost or cost of design, construction, installation, development, repair or improvement of property, plant or equipment used in the business of the Issuer or any of its Restricted Subsidiaries and acquired or designed, constructed, installed, developed, repaired or improved in the ordinary course of business; *provided* that (a) such Liens are in favor of the seller or other transferor of such asset or property, in favor of the Person or Persons designing, constructing, installing, developing, repairing or improving such asset or property, or in favor of the Person or Persons that provided the funding for the acquisition, design, construction, installation, development, repair or improvement cost, as

the case may be, of such asset or property, (b) such Liens are created no later than 360 days after the acquisition, design, construction, installation, development, repair or improvement, (c) the aggregate principal amount of the Indebtedness secured by such Liens is otherwise permitted to be incurred under this Indenture and does not exceed the greater of (i) the cost of the asset or property so acquired, designed, constructed, installed, developed, repaired or improved plus related financing costs and (ii) the fair market value of the asset or property so acquired, designed, constructed, installed, developed, repaired or improved, measured at the date of such acquisition, or the date of completion of such design, construction, installation, development, repair or improvement plus related financing costs, and (d) such Liens are limited to the asset or property so acquired, designed, constructed, installed, developed, repaired or improved (together with improvements, additions, accessions and contractual rights relating primarily thereto and all proceeds thereof (including dividends, distributions and increases in respect thereof));

(7) Liens existing on the date of this Indenture (other than Liens securing Indebtedness under the Credit Agreement);

(8) Liens created for the benefit of (or to secure) the Notes (or the Guarantees) or to secure other obligations under this Indenture;

(9) Liens on and pledges of the Equity Interests of any Unrestricted Subsidiary or any Joint Venture owned by the Issuer or any Restricted Subsidiary of the Issuer to the extent securing Non-Recourse Debt or other Indebtedness of such Unrestricted Subsidiary or Joint Venture;

(10) Liens on pipelines or pipeline facilities that arise by operation of law;

(11) Liens reserved in oil and natural gas mineral leases for bonus or rental payments and for compliance with the terms of such leases;

(12) Liens to secure any Indebtedness incurred to refinance or replace Indebtedness secured by any Lien described under clauses (3), (4), (6), (7), (8), (12) and (22) of this definition permitted to be incurred under this Indenture; *provided, however, that*

(a) the new Lien is limited to all or part of the same property and assets that secured or, under the written agreements pursuant to which the original Lien arose, could secure the original Lien (plus improvements and accessions to, such property or proceeds or distributions thereof); and

(b) the Indebtedness secured by the new Lien is not increased to any amount greater than the sum of (x) the outstanding principal amount, or, if greater, committed amount, of the Indebtedness exchanged, renewed, refunded, refinanced, replaced, defeased or discharged with such Permitted Refinancing Indebtedness and (y) an amount necessary to pay any fees and expenses, including premiums, related to such exchange, renewal, refunding, refinancing, replacement, defeasance or discharge;

(13) Liens on insurance policies and proceeds thereof, or other deposits, to secure insurance premium financings;

(14) filing of Uniform Commercial Code financing statements as a precautionary measure in connection with operating leases;

(15) bankers' Liens, rights of setoff, rights of revocation, refund or chargeback with respect to money or instruments of the Issuer or any Restricted Subsidiary, Liens arising out of judgments or awards not constituting an Event of Default and notices of lis pendens and associated rights related to litigation being contested in good faith by appropriate proceedings and for which adequate reserves have been made;

(16) Liens on cash, Cash Equivalents or other property arising in connection with the defeasance, discharge or redemption of Indebtedness;

(17) Liens on specific items of inventory or other goods (and the proceeds thereof) of any Person securing such Person's obligations in respect of bankers' acceptances issued or created in the ordinary course of business for the account of such Person to facilitate the purchase, shipment or storage of such inventory or other goods;

(18) Liens in respect of Production Payments and Reserve Sales; *provided* that such Liens are limited to the property that is subject to such Production Payments and Reserve Sales;

(19) Liens arising under oil and natural gas leases or subleases, overriding royalty interests, assignments, farm-out agreements, farm-in agreements, division orders, contracts for the sale, purchase, exchange, transportation, gathering or processing of Hydrocarbons, unitizations and pooling designations, declarations, orders and agreements, development agreements, joint venture agreements, partnership agreements, operating agreements, royalties, working interests, net profits interests, joint interest billing arrangements, participation agreements, production sales contracts, production payment agreements, royalty trust agreements, incentive compensation programs for geologists, geophysicists and other providers of technical services to the Issuer or a Restricted Subsidiary, area of mutual interest agreements, gas balancing or deferred production agreements, injection, repressuring and recycling agreements, salt water or other disposal agreements, seismic or geophysical permits or agreements, licenses, sublicenses and other agreements which are customary in the Oil and Gas Business; *provided, however*, in all instances that such Liens are limited to the assets that are the subject of the relevant agreement, program, order or contract;

(20) Liens to secure performance of Hedging Obligations of the Issuer or any of its Restricted Subsidiaries entered into in the ordinary course of business and not for speculative purposes;

(21) Liens arising under this Indenture in favor of the Trustee for its own benefit and similar Liens in favor of other trustees, agents and representatives arising under instruments governing Indebtedness permitted to be incurred under this Indenture; *provided, however*, that such Liens are solely for the benefit of the trustees, agents or representatives in their capacities as such and not for the benefit of the holders of such Indebtedness;

(22) any Lien incurred by the Issuer or any Restricted Subsidiary of the Issuer with respect to Indebtedness in aggregate principal amount that, when taken together with the aggregate principal amount of all other Indebtedness secured by Liens incurred pursuant to this clause (22) then outstanding, together with all other then outstanding Indebtedness secured by Liens incurred pursuant to clause (12) of this definition that had previously refinanced or replaced Indebtedness secured by Liens incurred under this clause (22), does not exceed the greater of (a) \$350.0 million and (b) 5.0% of Adjusted Consolidated Net Tangible Assets determined at the time such Lien is incurred;

(23) leases and subleases of real property which do not materially interfere with the ordinary conduct of the business of the Issuer or the Restricted Subsidiaries;

(24) any Lien arising by reason of:

(a) 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,

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

(c) survey exceptions, 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 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 Issuer or the Restricted Subsidiaries or the value of such property for the purpose of such business,

(d) 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, to the extent such Liens relate only to the tangible property of the lessee which is located on such property, for sums which are not yet delinquent or are being contested in good faith by negotiations or by appropriate proceedings which suspend the collection thereof; if such reserve or other appropriate provision, if any, as shall be required by GAAP shall have been made in respect thereof, or

(e) normal depository or cash-management arrangements with banks; and

(25) Liens on any specific property or any interest therein, construction thereon or improvement thereto to secure all or any part of the costs incurred for surveying, exploration, drilling, extraction, development, operation, production, construction, alteration, repair or improvement of, in, from, under or on such property and the plugging and abandonment of wells located thereon (it being understood that, in the case of oil and gas producing properties, or any interest therein, costs incurred for development and production shall include costs incurred for all facilities relating to such properties or to projects, ventures or other arrangements of which such properties form a part or which relate to such properties or interests and costs incurred for processing, gathering, marketing, refining and storage of such production), in each case that do not secure Indebtedness for borrowed money.

In each case set forth above, notwithstanding any stated limitation on the assets that may be subject to such Lien, a Permitted Lien on a specified asset or group or type of assets shall also include any Lien on all improvements, additions, accessions and contractual rights relating primarily thereto and all proceeds thereof (including dividends, distributions and increases in respect thereof).

“*Permitted Refinancing Indebtedness*” means any Indebtedness or Disqualified Stock or Preferred Stock of the Issuer or any of its Restricted Subsidiaries issued in exchange for, or the net proceeds of which are used to renew, refund, refinance, replace, defease or discharge other Indebtedness or Disqualified Stock or Preferred Stock of the Issuer or any of its Restricted Subsidiaries (other than intercompany Indebtedness); *provided* that:

(1) the principal amount (or accreted value, if applicable) of such Permitted Refinancing Indebtedness does not exceed the principal amount of the Indebtedness or Disqualified Stock or Preferred Stock exchanged, renewed, refunded, refinanced, replaced, defeased or discharged (plus all accrued interest on the Indebtedness and all accrued dividends on the Disqualified Stock or Preferred Stock and the amount of all fees and expenses, including premiums, incurred in connection therewith);

(2) such Permitted Refinancing Indebtedness has a final maturity date that is either (a) no earlier than the final maturity date of, and has a Weighted Average Life to Maturity equal to or greater than the Weighted Average Life to Maturity of, the Indebtedness or Disqualified Stock or Preferred Stock being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged or (b) more than 90 days after the final maturity date of the Notes;

(3) if the Indebtedness being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged is subordinated in right of payment to the Notes or the Guarantees, such Permitted Refinancing Indebtedness is subordinated in right of payment to the Notes or the Guarantees, as applicable, on terms at least as favorable to the Holders of Notes as those contained in the documentation governing (or shall be Capital Stock of the obligor on) the Indebtedness being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged, as determined in good faith by the Issuer;

(4) such Indebtedness is not incurred by a Restricted Subsidiary of the Issuer (other than a Guarantor) if the Issuer or a Guarantor is the issuer or other obligor on the Indebtedness being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged;

(5) if any Preferred Stock being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged was Disqualified Stock of the Issuer, the Permitted Refinancing Indebtedness shall be Disqualified Stock of the Issuer; and

(6) if any Preferred Stock being exchanged, renewed, refunded, refinanced, replaced, defeased or discharged was Preferred Stock of a Restricted Subsidiary, the Permitted Refinancing Indebtedness shall be Preferred Stock of such Restricted Subsidiary.

“*Person*” means any individual, corporation, partnership, joint venture, association, joint-stock company, trust, unincorporated organization, limited liability company or government or other entity.

“*Preferred Stock*” means, with respect to any Person, any and all preferred or preference stock or other similar Equity Interests (however designated) of such Person whether outstanding or issued after the date of this Indenture.

“*Private Placement Legend*” means the legend set forth in Section 2.06(g)(1) to be placed on all Notes issued under this Indenture except where otherwise permitted by the provisions of this Indenture.

“*Production Payments*” means Dollar-Denominated Production Payments and Volumetric Production Payments, collectively.

“*Production Payments and Reserve Sales*” means the grant or transfer by the Issuer or any of its Restricted Subsidiaries to any Person of a royalty, overriding royalty, net profits interest, Production Payment, partnership or other interest in oil and gas properties, reserves or the right to receive all or a portion of the production or the proceeds from the sale of production attributable to such properties where the holder of such interest has recourse solely to such production or proceeds of production, subject to the obligation of the grantor or transferor to operate and maintain, or cause the subject interests to be operated and maintained, in a reasonably prudent manner or other customary standard or subject to the obligation of the grantor or transferor to indemnify for environmental, title or other matters customary in the Oil and Gas Business, including any such grants or transfers pursuant to incentive compensation programs on terms that are reasonably customary in the Oil and Gas Business for geologists, geophysicists or other providers of technical services to the Issuer or any of its Restricted Subsidiaries.

“*QIB*” means a “qualified institutional buyer” as defined in Rule 144A.

“*Rating Agency*” means:

(1) each of Moody’s and S&P; and

(2) if either of Moody’s or S&P ceases to rate the Notes or fails to make a rating of the 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 the Issuer 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) the Issuer’s intention to effect a Change of Control.

“*Rating Decline*” shall 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 the 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, the Notes), each of the Rating Agencies decreases its rating of the Notes to a rating that is below its rating of the 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 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 the 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 the 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 the 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, the Notes).

“*Registration Rights Agreement*” means the Registration Rights Agreement, dated as of January 24, 2020, among the Issuer, the Guarantors and the other parties named on the signature pages thereof, as such agreement may be amended, modified or supplemented from time to time, and, with respect to any Additional Notes, one or more registration rights agreements among the Issuer, the Guarantors and the other parties thereto, as such agreement(s) may be amended, modified or supplemented from time to time, relating to rights given by the Issuer to the purchasers of Additional Notes to register such Additional Notes under the Securities Act.

“*Regulation S*” means Regulation S promulgated under the Securities Act.

“*Regulation S Global Note*” means a Global Note substantially in the form of Exhibit A hereto bearing the Global Note Legend and the Private Placement Legend and deposited with or on behalf of and registered in the name of the Depository or its nominee, issued in a denomination equal to the outstanding principal amount of the Notes initially sold in reliance on Rule 903 of Regulation S.

“*Reporting Default*” means a Default described in Section 6.01(e).

“*Resale Restriction Termination Date*” means, with respect to any Note, the date one year after the later of the date of original issue of such Note or the last day on which the Issuer or any Affiliate of the Issuer was the owner of such Note (or any predecessor of such Note).

“*Responsible Officer*,” when used with respect to the Trustee, means any officer within the Corporate Trust Administration of the Trustee (or any successor group of the Trustee) or any other officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

“*Restricted Definitive Note*” means a Definitive Note bearing the Private Placement Legend.

“*Restricted Global Note*” means a Global Note bearing the Private Placement Legend.

“*Restricted Investment*” means an Investment other than a Permitted Investment.

“*Restricted Subsidiary*” of a Person means any Subsidiary of the referent Person that is not an Unrestricted Subsidiary. Except where expressly stated otherwise, all references to Restricted Subsidiaries refer to Restricted Subsidiaries of the Issuer.

“*Rule 144*” means Rule 144 promulgated under the Securities Act.

“*Rule 144A*” means Rule 144A promulgated under the Securities Act.

“*Rule 903*” means Rule 903 promulgated under the Securities Act.

“*Rule 904*” means Rule 904 promulgated under the Securities Act.

“*S&P*” means Standard & Poor’s Ratings Services and any successor to the ratings business thereof.

“*Securities Act*” means the Securities Act of 1933, as amended.

“*Senior Debt*” means:

(1) all Indebtedness of the Issuer or any of its Restricted Subsidiaries outstanding under Credit Facilities and all obligations under Hedging Obligations with respect thereto;

(2) any other Indebtedness of the Issuer or any of its Restricted Subsidiaries permitted to be incurred under the terms of this Indenture, unless the instrument under which such Indebtedness is incurred expressly provides that it is subordinated in right of payment to the Notes or any Guarantee; and

(3) all Obligations with respect to the items listed in the preceding clauses (1) and (2).

Notwithstanding anything to the contrary in the preceding sentence, Senior Debt will not include:

- (1) any intercompany Indebtedness of the Issuer or any of its Restricted Subsidiaries to the Issuer or any Affiliate;
- (2) any Indebtedness that is incurred in violation of this Indenture; or
- (3) any Capital Stock.

“*Shelf Registration Statement*” has the meaning assigned to that term in the applicable Registration Rights Agreement.

“*Significant Subsidiary*” means any Restricted Subsidiary that would be a “significant subsidiary” as defined in Article 1, Rule 1-02 of Regulation S-X, promulgated pursuant to the Securities Act, as such Regulation is in effect on the date of this Indenture.

“*Stated Maturity*” means, with respect to any installment of interest or principal on any series of Indebtedness, the date on which the payment of interest or principal was scheduled to be paid in the original documentation governing such Indebtedness, and will not include any contingent obligations to repay, redeem or repurchase any such interest or principal prior to the date originally scheduled for the payment thereof.

“*Subsidiary*” means, with respect to any specified Person:

(1) any corporation, association or other business entity (other than a partnership or limited liability company) of which more than 50% of the total voting power of its Voting Stock is at the time owned or controlled, directly or indirectly, by that Person or one or more of the other Subsidiaries of that Person (or a combination thereof); and

(2) any partnership or limited liability company of which (a) more than 50% of the capital accounts, distribution rights, total equity and voting interests or general or limited partnership interests, as applicable, are owned or controlled, directly or indirectly, by such Person or one or more of the other Subsidiaries of that Person or a combination thereof, whether in the form of membership, general, special or limited partnership interests or otherwise, or (b) such Person or any Subsidiary of such Person is the sole or controlling general partner or manager or managing member of, or otherwise controls, such entity.

“*TIA*” means the Trust Indenture Act of 1939, as amended (15 U.S.C. §§ 77aaa-77bbb).

“*Trade Payables*” means, as to any Person, (a) accounts payable or other obligations of such Person created or assumed by such Person in the ordinary course of business in connection with the obtaining of goods or services and (b) obligations arising under contracts for the exploration, development, drilling, completion and plugging and abandonment of wells or for the construction, repair or maintenance of related infrastructure or facilities.

“*Treasury Rate*” means, as of any redemption date, the yield to maturity as of such redemption date of the most recently issued United States Treasury securities with a constant maturity (as compiled and published in the most recent Federal Reserve Statistical Release H.15 (519) that has become publicly available at least two Business Days prior to the redemption date (or, if such Statistical Release is no longer published, any publicly available source of similar market data)) most nearly equal to the period from the redemption date to February 1, 2022; *provided, however*, that if the period from the redemption date to February 1, 2022, is less than one year, the weekly average yield on actually traded United States Treasury securities adjusted to a constant maturity of one year will be used. The Issuer will (a) calculate the Treasury Rate on the second Business Day preceding the applicable redemption date and (b) prior to such redemption date file with the Trustee an Officers’ Certificate setting forth the Applicable Premium and the Treasury Rate and showing the calculation of each in reasonable detail.

“*Trustee*” means U.S. Bank National Association, until a successor replaces it in accordance with the applicable provisions of this Indenture and thereafter means the successor serving hereunder.

“*Unrestricted Definitive Note*” means a Definitive Note that does not bear and is not required to bear the Private Placement Legend.

“*Unrestricted Global Note*” means a Global Note that does not bear and is not required to bear the Private Placement Legend.

“*Unrestricted Subsidiary*” means any Subsidiary of the Issuer (including any newly acquired or newly formed Subsidiary or a Person becoming a Subsidiary through merger or consolidation or Investment therein) that is designated (or deemed designated) by the Issuer as an Unrestricted Subsidiary pursuant to an Officers’ Certificate, but only to the extent that such Subsidiary:

(1) has no Indebtedness other than Non-Recourse Debt owing to any Person other than the Issuer or any of its Restricted Subsidiaries (other than any guarantee of the Notes or the Guarantees or any Indebtedness that would be released upon such designation);

(2) except as permitted by Section 4.11, is not party to any agreement, contract, arrangement or understanding with the Issuer or any Restricted Subsidiary of the Issuer unless the terms of any such agreement, contract, arrangement or understanding, together with the terms of all other agreements, contracts, arrangements and understandings with such Unrestricted Subsidiary, taken as a whole, are no less favorable to the Issuer or such Restricted Subsidiary than those that might be obtained at the time from Persons who are not Affiliates of the Issuer, as determined in good faith by the Issuer;

(3) is a Person with respect to which neither the Issuer nor any of its Restricted Subsidiaries has any direct or indirect obligation (a) to subscribe for additional Equity Interests or (b) to maintain or preserve such Person’s financial condition; and

(4) has not guaranteed or otherwise become an obligor on any Indebtedness of the Issuer or any of its Restricted Subsidiaries, except to the extent such guarantee or obligation would be released upon such designation and except for (x) any Non-Recourse Debt with respect to which the Issuer or any Restricted Subsidiary has pledged (or provided a Guaranty limited in recourse solely to) Equity Interests in such Subsidiary or (y) any guarantee of the Notes and the Guarantees,

except, in the case of (1), (2), (3) or (4), for any such Indebtedness that is subject to a guarantee by or other obligation of, or any agreement, contract, arrangement or understanding with, or any equity subscription or credit support obligation of, the Issuer or Restricted Subsidiary that constitutes an Investment in such Subsidiary that has been effected as a Restricted Payment or Permitted Investment that complies with Section 4.07.

All Subsidiaries of an Unrestricted Subsidiary shall also be Unrestricted Subsidiaries.

“U.S. Person” means a U.S. Person as defined in Rule 902(k) promulgated under the Securities Act.

“*Volumetric Production Payments*” means production payment obligations recorded as deferred revenue in accordance with GAAP, together with all undertakings and obligations in connection therewith.

“*Voting Stock*” of any specified Person as of any date means the Capital Stock of such Person entitling the holders thereof (whether at all times or only so long as no senior class of Capital Stock has voting power by reason of any contingency) to vote in the election of members of the Board of Directors of such Person; *provided* that with respect to a limited partnership or other entity which does not have a Board of Directors, Voting Stock means the Capital Stock of the general partner of such limited partnership or other business entity with the ultimate authority to manage the business and operations of such Person.

“*Weighted Average Life to Maturity*” means, when applied to any Indebtedness (or Disqualified Stock or Preferred Stock) at any date, the number of years obtained by dividing:

(1) the sum of the products obtained by multiplying (a) the amount of each then remaining installment, sinking fund, serial maturity or other required payments of principal or (with respect to Preferred Stock) redemption or similar payment, including payment at final maturity, in respect of the Indebtedness (or Disqualified Stock or Preferred Stock), by (b) the number of years (calculated to the nearest one-twelfth) that will elapse between such date and the making of such payment; *by*

(2) the then outstanding principal amount of such Indebtedness (or Disqualified Stock or Preferred Stock).

“*Wholly Owned Restricted Subsidiary*” means a Restricted Subsidiary all the Capital Stock of which (other than directors’ qualifying shares) is owned by the Issuer or another Wholly Owned Restricted Subsidiary.

Section 1.02 *Other Definitions.*

<u>Term</u>	<u>Defined in Section</u>
“Act”	12.15(a)
“Affiliate Transaction”	4.11
“Alternate Offer”	4.15
“Asset Sale Offer”	4.10
“Authentication Order”	2.02
“Change of Control Offer”	4.15
“Change of Control Payment”	4.15
“Change of Control Purchase Date”	4.15
“Covenant Defeasance”	8.03
“DTC”	2.03
“Event of Default”	6.01
“Excess Proceeds”	4.10
“incur”	4.09
“Interest Payment Date”	Exhibit A
“Issuer”	Preamble
“Legal Defeasance”	8.02
“Offer Amount”	3.09
“Offer Period”	3.09
“Paying Agent”	2.03
“Payment Default”	6.01
“Permitted Debt”	4.09
“Permitted Payment”	4.07(b)
“Purchase Date”	3.09
“Registrar”	2.03
“Restricted Payments”	4.07

Section 1.03 *Incorporation by Reference of Trust Indenture Act.*

Subject to Section 12.01, whenever this Indenture refers to a provision of the TIA, the provision is incorporated by reference in and made a part of this Indenture.

The following TIA terms used in this Indenture have the following meanings:

“*indenture securities*” means the Notes and the Guarantees;

“*indenture security Holder*” means a Holder of a Note;

“*indenture to be qualified*” means this Indenture;

“*indenture trustee*” or “*institutional trustee*” means the Trustee; and

“*obligor*” on the Notes and the Guarantees means the Issuer and the Guarantors, respectively, and any successor obligor upon the Notes and the Guarantees, respectively.

All other terms used in this Indenture that are defined by the TIA, defined by TIA reference to another statute or defined by SEC rule under the TIA have the meanings so assigned to them.

Section 1.04 *Rules of Construction*.

Unless the context otherwise requires:

- (a) a term has the meaning assigned to it;
- (b) an accounting term not otherwise defined has the meaning assigned to it in accordance with GAAP;
- (c) “or” is not exclusive;
- (d) words in the singular include the plural, and in the plural include the singular;
- (e) “will” shall be interpreted to express a command;
- (f) provisions apply to successive events and transactions;
- (g) references to sections of or rules under the Securities Act will be deemed to include substitute, replacement of successor sections or rules adopted by the SEC from time to time;
- (h) “includes” or “including” shall be deemed to be followed by the words “without limitation”; and
- (i) “herein,” “hereof” and other words of similar import refer to this Indenture as a whole (as amended or supplemented from time to time) and not to any particular Article, Section or other subdivision.

ARTICLE 2
THE NOTES

Section 2.01 *Form and Dating*.

(a) *General*. The Notes and the Trustee’s certificate of authentication will be substantially in the form of Exhibit A hereto. The Notes may have notations, legends or endorsements required by law, stock exchange rule or usage. Each Note will be dated the date of its authentication. The Notes shall be in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof.

The terms and provisions contained in the Notes will constitute, and are hereby expressly made, a part of this Indenture and the Issuer, the Guarantors and the Trustee, by their execution and delivery of this Indenture, expressly agree to such terms and provisions and to be bound thereby. However, to the extent any provision of any Note conflicts with the express provisions of this Indenture, the provisions of this Indenture shall govern and be controlling.

The terms of the Notes will include those stated in this Indenture and, except as specified under Section 12.01, those made part of this Indenture by reference to the TIA.

(b) *Global Notes.* Notes issued in global form will be substantially in the form of Exhibit A hereto (including the Global Note Legend thereon and the “Schedule of Increases or Decreases of Interests in the Global Note” attached thereto). Each Global Note will represent such of the outstanding Notes as will be specified therein and each shall provide that it represents the aggregate principal amount of outstanding Notes from time to time endorsed thereon and that the aggregate principal amount of outstanding Notes represented thereby may from time to time be reduced or increased, as appropriate, to reflect exchanges and redemptions or repurchases. Any endorsement of a Global Note to reflect the amount of any increase or decrease in the aggregate principal amount of outstanding Notes represented thereby will be made by the Trustee or the Custodian, at the direction of the Trustee, (i) in the case of an exchange, in accordance with instructions given by the Holder thereof as required by Section 2.06 or (ii) in the case of a redemption or repurchase, in accordance with Section 2.06(a).

(c) *Euroclear and Clearstream Procedures Applicable.* The provisions of the “Operating Procedures of the Euroclear System” and “Terms and Conditions Governing Use of Euroclear” and the “General Terms and Conditions of Clearstream Banking” and “Customer Handbook” of Clearstream will be applicable to transfers of beneficial interests in the Regulation S Global Note that are held by Participants through Euroclear or Clearstream.

(d) *Definitive Notes.* Notes issued in definitive form shall be substantially in the form of Exhibit A attached hereto (but without the Global Note Legend thereon and without the “Schedule of Increases or Decreases of Interests in the Global Note” attached thereto).

Section 2.02 Execution and Authentication.

At least one Officer must sign the Notes for the Issuer by manual, facsimile or electronically transmitted signature.

If an Officer whose signature is on a Note no longer holds that office at the time a Note is authenticated, the Note will nevertheless be valid.

A Note will not be valid until authenticated by the manual signature of the Trustee. The signature will be conclusive evidence that the Note has been authenticated under this Indenture.

The Trustee will, upon receipt of a written order of the Issuer signed by an Officer of the Issuer (an “*Authentication Order*”), authenticate Notes for original issue (i) on the date hereof as Initial Notes in the aggregate principal amount of \$550,000,000 and (ii) from time to time any Additional Notes that may be validly issued under this Indenture. The aggregate principal amount of Notes outstanding at any time may not exceed the aggregate principal amount of Notes authorized for issuance by the Issuer pursuant to one or more Authentication Orders, except as provided in Section 2.07.

Upon receipt of an Authentication Order, the Trustee shall authenticate for original issue (i) Exchange Notes in exchange for Initial Notes in an aggregate principal amount not to exceed \$550,000,000 or (ii) Exchange Notes in exchange for Additional Notes in an aggregate principal amount not to exceed the aggregate principal amount of such Additional Notes so exchanged; *provided* that such Exchange Notes shall be issuable only upon the valid acceptance for exchange of Initial Notes issued on the date hereof or Additional Notes, as the case may be, of a like aggregate principal amount in accordance with an Exchange Offer pursuant to an applicable Registration Rights Agreement.

The Trustee shall also authenticate and deliver Notes at the times and in the manner specified in Sections 2.06, 2.07, 2.10, 3.06, 3.09, 4.15 and 9.04.

The Trustee may appoint an authenticating agent acceptable to the Issuer to authenticate Notes. An authenticating agent may authenticate Notes whenever the Trustee may do so. Each reference in this Indenture to authentication by the Trustee includes authentication by such agent. An authenticating agent has the same rights as an Agent to deal with Holders or an Affiliate of the Issuer.

Section 2.03 Registrar and Paying Agent.

The Issuer will maintain an office or agency where Notes may be presented for registration of transfer or for exchange (“*Registrar*”) and an office or agency where Notes may be presented for payment (“*Paying Agent*”). The Registrar will keep a register of the Notes and of their transfer and exchange. The Issuer may appoint one or more co-registrars and one or more additional paying agents. The term “*Registrar*” includes any co-registrar and the term “*Paying Agent*” includes any additional paying agent. The Issuer may change any Paying Agent or Registrar without notice to any Holder. The Issuer will notify the Trustee in writing of the name and address of any Agent not a party to this Indenture. If the Issuer fails to appoint or maintain another entity as Registrar or Paying Agent, the Trustee shall act as such. The Issuer or any of its Subsidiaries may act as Paying Agent or Registrar.

The Issuer initially appoints The Depository Trust Company (“*DTC*”) to act as Depository with respect to the Global Notes.

The Issuer initially appoints the Trustee to act as the Registrar and Paying Agent (at its office in New York, New York indicated in the definition of Corporate Trust Office of the Trustee in Section 1.01) and to act as Custodian with respect to the Global Notes.

Section 2.04 Paying Agent to Hold Money in Trust.

The Issuer will require each Paying Agent other than the Trustee to agree in writing that the Paying Agent will hold in trust for the benefit of Holders or the Trustee all money held by the Paying Agent for the payment of principal of, premium on, if any, or interest on the Notes, and will notify the Trustee of any default by the Issuer in making any such payment. While any such default continues, the Trustee may require a Paying Agent to pay all money held by it to the

Trustee. The Issuer at any time may require a Paying Agent to pay all money held by it to the Trustee. Upon payment over to the Trustee, the Paying Agent (if other than the Issuer or a Subsidiary) will have no further liability for the money. If the Issuer or a Subsidiary acts as Paying Agent, it will segregate and hold in a separate trust fund for the benefit of the Holders all money held by it as Paying Agent. Upon any bankruptcy or reorganization proceedings relating to the Issuer, the Trustee will serve as Paying Agent for the Notes.

Section 2.05 *Holder Lists.*

The Trustee will preserve in as current a form as is reasonably practicable the most recent list available to it of the names and addresses of all Holders and shall otherwise comply with TIA §312(a). If the Trustee is not the Registrar, the Issuer will furnish to the Trustee at least seven Business Days before each Interest Payment Date and at such other times as the Trustee may request in writing, a list in such form and as of such date as the Trustee may reasonably require of the names and addresses of the Holders of the Notes and the Issuer shall otherwise comply with TIA §312(a).

Section 2.06 *Transfer and Exchange.*

(a) *Transfer and Exchange of Global Notes.* A Global Note may not be transferred except as a whole by the Depositary to a nominee of the Depositary, by a nominee of the Depositary to the Depositary or to another nominee of the Depositary, or by the Depositary or any such nominee to a successor Depositary or a nominee of such successor Depositary. All Global Notes will be exchanged by the Issuer for Definitive Notes if:

(1) the Depositary notifies the Issuer that it is unwilling or unable to continue to act as Depositary or that it is no longer a clearing agency registered under the Exchange Act and, in either case, a successor Depositary is not appointed by the Issuer within 90 days after the date of such notice from the Depositary;

(2) the Issuer, at its option but subject to the Depositary's requirements, notifies the Trustee in writing that it elects to cause the issuance of the Definitive Notes; or

(3) there has occurred and is continuing an Event of Default and the Depositary notifies the Trustee of its decision to exchange such Global Note for Definitive Notes.

Upon the occurrence of the preceding events in (1), (2) or (3) above, Definitive Notes shall be issued in such names as the Depositary shall instruct the Trustee. Global Notes also may be exchanged or replaced, in whole or in part, as provided in Sections 2.07 and 2.10. Every Note authenticated and delivered in exchange for, or in lieu of, a Global Note or any portion thereof, pursuant to this Section 2.06 or Section 2.07 or 2.10, shall be authenticated and delivered in the form of, and shall be, a Global Note. A Global Note may not be exchanged for another Note other than as provided in this Section 2.06(a); however, beneficial interests in a Global Note may be transferred and exchanged as provided in Section 2.06(b), (c) or (f). Whenever any provision herein refers to issuance by the Issuer and authentication and delivery by the Trustee of a new Note in exchange for the portion of a surrendered Note that has not been redeemed or repurchased, as the case may be, in lieu of the surrender of any Global Note and the issuance, authentication and delivery of a new Global Note in exchange therefor, the Trustee or the Depositary at the direction of the Trustee may endorse such Global Note to reflect a reduction in the principal amount represented thereby in the amount of Notes so represented that have been so redeemed or repurchased.

(b) *Transfer and Exchange of Beneficial Interests in the Global Notes.* The transfer and exchange of beneficial interests in the Global Notes will be effected through the Depository, in accordance with the provisions of this Indenture and the Applicable Procedures. Participants and Indirect Participants shall have no rights under this Indenture with respect to any Global Note held on their behalf by the Depository or by the Trustee as the Custodian with respect to the Global Notes, and the Issuer, the Trustee and any agent of the Issuer or the Trustee shall be entitled to treat the Depository as the absolute owner of such Global Note for all purposes whatsoever. Notwithstanding the foregoing, nothing herein shall prevent the Issuer, the Trustee or any agent of the Issuer or the Trustee from giving effect to any written certification, proxy or other authorization furnished by the Depository or impair, as between the Depository and its Participants or the Indirect Participants, the operation of customary practices of such Depository governing the exercise of the rights of a holder of a beneficial interest in any Global Note. Subject to the provisions of this Section 2.06 and Section 12.15, the Holder of a Global Note shall be entitled to grant proxies and otherwise authorize any Person, including Participants and Indirect Participants and Persons that may hold interests through such Persons, to take any action that a Holder is entitled to take under this Indenture or the Notes. Beneficial interests in the Restricted Global Notes will be subject to restrictions on transfer comparable to those set forth herein to the extent required by the Securities Act. Transfers of beneficial interests in the Global Notes also will require compliance with either subparagraph (1) or (2) below, as applicable, as well as one or more of the other following subparagraphs, as applicable:

(1) *Transfer of Beneficial Interests in the Same Global Note.* Beneficial interests in any Restricted Global Note may be transferred to Persons who take delivery thereof in the form of a beneficial interest in the same Restricted Global Note in accordance with the transfer restrictions set forth in the Private Placement Legend and any Applicable Procedures. Beneficial interests in any Unrestricted Global Note may be transferred to Persons who take delivery thereof in the form of a beneficial interest in an Unrestricted Global Note. Except as may be required by any Applicable Procedures, no written orders or instructions shall be required to be delivered to the Registrar to effect the transfers described in this Section 2.06(b)(1).

(2) *All Other Transfers and Exchanges of Beneficial Interests in Global Notes.* In connection with all transfers and exchanges of beneficial interests that are not subject to Section 2.06(b)(1) above, the transferor of such beneficial interest must deliver to the Registrar either:

(A) both:

(i) a written order from a Participant or an Indirect Participant given to the Depository in accordance with the Applicable Procedures directing the Depository to credit or cause to be credited a beneficial interest in another Global Note in an amount equal to the beneficial interest to be transferred or exchanged; and

(ii) instructions given in accordance with the Applicable Procedures containing information regarding the Participant account to be credited with such increase; or

(B) both:

(i) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to cause to be issued a Definitive Note in an amount equal to the beneficial interest to be transferred or exchanged; and

(ii) instructions given by the Depositary to the Registrar containing information regarding the Person in whose name such Definitive Note shall be registered to effect the transfer or exchange referred to in (1) above.

Upon consummation of an Exchange Offer by the Issuer in accordance with Section 2.06(f), the requirements of this Section 2.06(b)(2) shall be deemed to have been satisfied upon receipt by the Registrar of the instructions contained in the Letter of Transmittal delivered by the Holder of such beneficial interests in the Restricted Global Notes. Upon satisfaction of all of the requirements for transfer or exchange of beneficial interests in Global Notes contained in this Indenture and the Notes or otherwise applicable under the Securities Act, the Trustee shall adjust the principal amount of the relevant Global Note(s) pursuant to Section 2.06(h).

(3) *Transfer of Beneficial Interests to Another Restricted Global Note.* A beneficial interest in any Restricted Global Note may be transferred to a Person who takes delivery thereof in the form of a beneficial interest in another Restricted Global Note if the transfer complies with the requirements of Section 2.06(b)(2) above and the Registrar receives the following:

(A) if the transferee will take delivery in the form of a beneficial interest in the 144A Global Note, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in item (1) thereof;

(B) if the transferee shall take delivery in the form of a beneficial interest in the Regulation S Global Note, then the transferor shall deliver a certificate in the form of Exhibit B hereto, including the certifications in item (2) thereof or, if permitted by the Applicable Procedures, item (3)(a) thereof (if available), then the transferee must hold such interests through Euroclear or Clearstream (as Participants in the Depositary); and

(C) if the transferee will take delivery in the form of a beneficial interest in the IAI Global Note, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by item (3)(d) thereof, if applicable.

(4) Transfer and Exchange of Beneficial Interests in a Restricted Global Note for Beneficial Interests in an Unrestricted Global Note.

A beneficial interest in any Restricted Global Note may be exchanged by any holder thereof for a beneficial interest in an Unrestricted Global Note or transferred to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note if the exchange or transfer complies with the requirements of Section 2.06(b)(2) above and:

(A) such exchange or transfer is effected pursuant to an Exchange Offer in accordance with the applicable Registration Rights Agreement and the holder of the beneficial interest to be exchanged, in the case of an exchange, or the transferee, in the case of a transfer, certifies in the applicable Letter of Transmittal (or is deemed to have made such certifications if delivery is made through the Applicable Procedures) that it is not (i) a Broker-Dealer, (ii) a Person participating in the distribution of the Exchange Notes or (iii) a Person who is an affiliate (as defined in Rule 144) of the Issuer;

(B) such transfer is effected pursuant to a Shelf Registration Statement in accordance with the applicable Registration Rights Agreement;

(C) such transfer is effected by a Broker-Dealer pursuant to an Exchange Offer Registration Statement in accordance with the applicable Registration Rights Agreement; or

(D) the Registrar receives the following:

(i) the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a beneficial interest in an Unrestricted Global Note, a certificate from such holder in the form of Exhibit C hereto, including the certifications in item (1)(a) thereof; or

(ii) if the holder of such beneficial interest in a Restricted Global Note proposes to transfer such beneficial interest to a Person who shall take delivery thereof in the form of a beneficial interest in an Unrestricted Global Note, a certificate from such holder in the form of Exhibit B hereto, including the certifications in item (4) thereof;

and in each such case set forth in this subparagraph (D), if the Registrar so requests or if the Applicable Procedures so require, an Opinion of Counsel in form reasonably acceptable to the Registrar to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

If any such transfer or exchange is effected pursuant to subparagraph (B) or (D) above at a time when an Unrestricted Global Note has not yet been issued, the Issuer shall issue and, upon receipt of an Authentication Order in accordance with Section 2.02, the Trustee shall authenticate one or more Unrestricted Global Notes in an aggregate principal amount equal to the aggregate principal amount of beneficial interests transferred or exchanged pursuant to this subparagraph (B) or (D) above.

Beneficial interests in an Unrestricted Global Note cannot be exchanged for, or transferred to Persons who take delivery thereof in the form of, a beneficial interest in a Restricted Global Note.

(c) Transfer or Exchange of Beneficial Interests for Definitive Notes.

(1) Beneficial Interests in Restricted Global Notes to Restricted Definitive Notes. If any holder of a beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a Restricted Definitive Note or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Restricted Definitive Note, then, upon receipt by the Registrar of the following documentation:

(A) if the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a Restricted Definitive Note, a certificate from such holder in the form of Exhibit C hereto, including the certifications in item (2)(a) thereof;

(B) if such beneficial interest is being transferred to a QIB in accordance with Rule 144A, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (1) thereof;

(C) if such beneficial interest is being transferred to a Non-U.S. Person in an offshore transaction (as defined in Section 902(h) of Regulation S) in accordance with Rule 903 or Rule 904, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (2) thereof;

(D) if such beneficial interest is being transferred pursuant to an exemption from the registration requirements of the Securities Act in accordance with Rule 144, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3)(a) thereof;

(E) if such beneficial interest is being transferred to an Institutional Accredited Investor in reliance on an exemption from the registration requirements of the Securities Act other than those listed in subparagraphs (B) through (D) above, a certificate to the effect set forth in Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by item (3)(d) thereof, if applicable;

(F) if such beneficial interest is being transferred to the Issuer or any of its Subsidiaries, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3)(b) thereof; or

(G) if such beneficial interest is being transferred pursuant to an effective registration statement under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3)(c) thereof,

the Trustee shall cause the aggregate principal amount of the applicable Global Note to be reduced accordingly pursuant to Section 2.06(h), and the Issuer shall execute and the Trustee shall authenticate and deliver to the Person designated in the instructions a Definitive Note in the appropriate principal amount. Any Definitive Note issued in exchange for a beneficial interest in a Restricted Global Note pursuant to this Section 2.06(c) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest shall instruct the Registrar through instructions from the Depositary and the Participant or Indirect Participant. The Trustee shall deliver such Definitive Notes to the Persons in whose names such Notes are so registered. Any Definitive Note issued in exchange for a beneficial interest in a Restricted Global Note pursuant to this Section 2.06(c)(1) shall bear the Private Placement Legend and shall be subject to all restrictions on transfer contained therein.

(2) *Beneficial Interests in Restricted Global Notes to Unrestricted Definitive Notes.* A holder of a beneficial interest in a Restricted Global Note may exchange such beneficial interest for an Unrestricted Definitive Note or may transfer such beneficial interest to a Person who takes delivery thereof in the form of an Unrestricted Definitive Note only if:

(A) such exchange or transfer is effected pursuant to an Exchange Offer in accordance with the applicable Registration Rights Agreement and the holder of the beneficial interest to be exchanged, in the case of an exchange, or the transferee, in the case of a transfer, certifies in the applicable Letter of Transmittal (or is deemed to have made such certifications if delivery is made through the Applicable Procedures) that it is not (i) a Broker-Dealer, (ii) a Person participating in the distribution of the Exchange Notes or (iii) a Person who is an affiliate (as defined in Rule 144) of the Issuer;

(B) such transfer is effected pursuant to a Shelf Registration Statement in accordance with the applicable Registration Rights Agreement;

(C) such transfer is effected by a Broker-Dealer pursuant to an Exchange Offer Registration Statement in accordance with the applicable Registration Rights Agreement; or

(D) the Registrar receives the following:

(i) if the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for an Unrestricted Definitive Note, a certificate from such holder in the form of Exhibit C hereto, including the certifications in item (1) (b) thereof; or

(ii) if the holder of such beneficial interest in a Restricted Global Note proposes to transfer such beneficial interest to a Person who shall take delivery thereof in the form of an Unrestricted Definitive Note, a certificate from such holder in the form of Exhibit B hereto, including the certifications in item (4) thereof;

and, in each such case set forth in this subparagraph (D), if the Registrar so requests or if the Applicable Procedures so require, an Opinion of Counsel in form reasonably acceptable to the Registrar to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

(3) *Beneficial Interests in Unrestricted Global Notes to Unrestricted Definitive Notes.* Subject to Section 2.06(a), if any holder of a beneficial interest in an Unrestricted Global Note proposes to exchange such beneficial interest for a Definitive Note or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Definitive Note, then, upon satisfaction of the conditions set forth in Section 2.06(b)(2), the Trustee will cause the aggregate principal amount of the applicable Global Note to be reduced accordingly pursuant to Section 2.06(h), and the Issuer will execute and the Trustee will authenticate and deliver to the Person designated in the instructions a Definitive Note in the appropriate principal amount. Any Definitive Note issued in exchange for a beneficial interest pursuant to this Section 2.06(c)(3) will be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest requests through instructions to the Registrar from or through the Depository and the Participant or Indirect Participant. The Trustee will deliver such Definitive Notes to the Persons in whose names such Notes are so registered. Any Definitive Note issued in exchange for a beneficial interest pursuant to this Section 2.06(c)(3) will not bear the Private Placement Legend.

(d) *Transfer and Exchange of Definitive Notes for Beneficial Interests.*

(1) *Restricted Definitive Notes to Beneficial Interests in Restricted Global Notes.* If any Holder of a Restricted Definitive Note proposes to exchange such Note for a beneficial interest in a Restricted Global Note or to transfer such Restricted Definitive Notes to a Person who takes delivery thereof in the form of a beneficial interest in a Restricted Global Note, then, upon receipt by the Registrar of the following documentation:

(A) if the Holder of such Restricted Definitive Note proposes to exchange such Note for a beneficial interest in a Restricted Global Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in item (2)(b) thereof;

(B) if such Restricted Definitive Note is being transferred to a QIB in accordance with Rule 144A, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (1) thereof;

(C) if such Restricted Definitive Note is being transferred to a Non-U.S. Person in an offshore transaction (as defined in Rule 902(h) of Regulation S) in accordance with Rule 903 or Rule 904, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (2) thereof;

(D) if such Restricted Definitive Note is being transferred pursuant to an exemption from the registration requirements of the Securities Act in accordance with Rule 144, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3) (a) thereof;

(E) if such Restricted Definitive Note is being transferred to an Institutional Accredited Investor in reliance on an exemption from the registration requirements of the Securities Act other than those listed in subparagraphs (B) through (D) above, a certificate to the effect set forth in Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by item (3)(d) thereof, if applicable;

(F) if such Restricted Definitive Note is being transferred to the Issuer or any of its Subsidiaries, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3)(b) thereof; or

(G) if such Restricted Definitive Note is being transferred pursuant to an effective registration statement under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in item (3)(c) thereof,

the Trustee will cancel the Restricted Definitive Note, increase or cause to be increased the aggregate principal amount of, in the case of clause (A) above, the appropriate Restricted Global Note, in the case of clause (B) above, the 144A Global Note, in the case of clause (C) above, the Regulation S Global Note, and in all other cases, the IAI Global Note.

(2) *Restricted Definitive Notes to Beneficial Interests in Unrestricted Global Notes.* A Holder of a Restricted Definitive Note may exchange such Note for a beneficial interest in an Unrestricted Global Note or transfer such Restricted Definitive Note to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note only if:

(A) such exchange or transfer is effected pursuant to an Exchange Offer in accordance with the applicable Registration Rights Agreement and the holder of the beneficial interest to be exchanged, in the case of an exchange, or the transferee, in the case of a transfer, certifies in the applicable Letter of Transmittal (or is deemed to have made such certifications if delivery is made through the Applicable Procedures) that it is not (i) a Broker-Dealer, (ii) a Person participating in the distribution of the Exchange Notes or (iii) a Person who is an affiliate (as defined in Rule 144) of the Issuer;

(B) such transfer is effected pursuant to a Shelf Registration Statement in accordance with the applicable Registration Rights Agreement;

(C) such transfer is effected by a Broker-Dealer pursuant to an Exchange Offer Registration Statement in accordance with the applicable Registration Rights Agreement; or

(D) the Registrar receives the following:

(i) if the Holder of such Definitive Notes proposes to exchange such Notes for a beneficial interest in the Unrestricted Global Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in item (1)(c) thereof; or

(ii) if the Holder of such Definitive Notes proposes to transfer such Notes to a Person who shall take delivery thereof in the form of a beneficial interest in the Unrestricted Global Note, a certificate from such Holder in the form of Exhibit B hereto, including the certifications in item (4) thereof;

and, in each such case set forth in this subparagraph (D), if the Registrar so requests or if the Applicable Procedures so require, an Opinion of Counsel in form reasonably acceptable to the Registrar to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

Upon satisfaction of the conditions of any of the subparagraphs in this Section 2.06(d)(2), the Trustee will cancel the Definitive Notes and increase or cause to be increased the aggregate principal amount of the Unrestricted Global Note.

(3) *Unrestricted Definitive Notes to Beneficial Interests in Unrestricted Global Notes.* A Holder of an Unrestricted Definitive Note may exchange such Note for a beneficial interest in an Unrestricted Global Note or transfer such Definitive Notes to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note at any time. Upon receipt of a request for such an exchange or transfer, the Trustee will cancel the applicable Unrestricted Definitive Note and increase or cause to be increased the aggregate principal amount of one of the Unrestricted Global Notes.

(4) If any such exchange or transfer from a Definitive Note to a beneficial interest is effected pursuant to subparagraph (2)(B), (2)(D) or (3) above at a time when an Unrestricted Global Note has not yet been issued, the Issuer will issue and, upon receipt of an Authentication Order in accordance with Section 2.02, the Trustee will authenticate one or more Unrestricted Global Notes in an aggregate principal amount equal to the principal amount of Definitive Notes so transferred or exchanged.

(e) *Transfer and Exchange of Definitive Notes for Definitive Notes.* Upon request by a Holder of Definitive Notes and such Holder's compliance with the provisions of this Section 2.06(e), the Registrar will register the transfer or exchange of Definitive Notes. Prior to such registration of transfer or exchange, the requesting Holder must present or surrender to the Registrar the Definitive Notes duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Registrar duly executed by such Holder or by its attorney, duly authorized in writing. In addition, the requesting Holder must provide any additional certifications, documents and information, as applicable, required pursuant to the following provisions of this Section 2.06(e).

(1) *Restricted Definitive Notes to Restricted Definitive Notes.* Any Restricted Definitive Note may be transferred to and registered in the name of Persons who take delivery thereof in the form of a Restricted Definitive Note if:

(A) the Registrar receives the following:

(B) if the transfer will be made pursuant to Rule 144A, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in item (1) thereof;

(C) if the transfer will be made pursuant to Rule 903 or Rule 904, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in item (2) thereof; and

(D) if the transfer will be made pursuant to any other exemption from the registration requirements of the Securities Act, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by item (3)(d) thereof, if applicable.

(2) *Restricted Definitive Notes to Unrestricted Definitive Notes.* Any Restricted Definitive Note may be exchanged by the Holder thereof for an Unrestricted Definitive Note or transferred to a Person or Persons who take delivery thereof in the form of an Unrestricted Definitive Note if

(A) such exchange or transfer is effected pursuant to an Exchange Offer in accordance with the applicable Registration Rights Agreement and the holder of the beneficial interest to be exchanged, in the case of an exchange, or the transferee, in the case of a transfer, certifies in the applicable Letter of Transmittal (or is deemed to have made such certifications if delivery is made through the Applicable Procedures) that it is not (i) a Broker-Dealer, (ii) a Person participating in the distribution of the Exchange Notes or (iii) a Person who is an affiliate (as defined in Rule 144) of the Issuer;

(B) such transfer is effected pursuant to a Shelf Registration Statement in accordance with the applicable Registration Rights Agreement;

(C) such transfer is effected by a Broker-Dealer pursuant to an Exchange Offer Registration Statement in accordance with the applicable Registration Rights Agreement; or

(D) the Registrar receives the following:

(i) if the Holder of such Restricted Definitive Notes proposes to exchange such Notes for an Unrestricted Definitive Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in item (1)(d) thereof; or

(ii) if the Holder of such Restricted Definitive Notes proposes to transfer such Notes to a Person who shall take delivery thereof in the form of an Unrestricted Definitive Note, a certificate from such Holder in the form of Exhibit B hereto, including the certifications in item (4) thereof;

and, in each such case set forth in this subparagraph (D), if the Registrar so requests, an Opinion of Counsel in form reasonably acceptable to the Registrar to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are no longer required in order to maintain compliance with the Securities Act.

(3) *Unrestricted Definitive Notes to Unrestricted Definitive Notes.* A Holder of Unrestricted Definitive Notes may transfer such Notes to a Person who takes delivery thereof in the form of an Unrestricted Definitive Note. Upon receipt of a request to register such a transfer, the Registrar shall register the Unrestricted Definitive Notes pursuant to the instructions from the Holder thereof.

(f) *Exchange Offer.* Upon the occurrence of an Exchange Offer in accordance with the applicable Registration Rights Agreement, the Issuer will issue and, upon receipt of an Authentication Order in accordance with Section 2.02, the Trustee will authenticate:

(1) one or more Unrestricted Global Notes in an aggregate principal amount equal to the principal amount of the beneficial interests in the Restricted Global Notes accepted for exchange in the Exchange Offer by Persons that certify in the applicable Letters of Transmittal (or are deemed to have made such certifications if delivery is made through the Applicable Procedures) that (A) they are not Broker-Dealers, (B) they are not participating in a distribution of the Exchange Notes and (C) they are not affiliates (as defined in Rule 144) of the Issuer; and

(2) Unrestricted Definitive Notes in an aggregate principal amount equal to the principal amount of the Restricted Definitive Notes accepted for exchange in the Exchange Offer by Persons that certify in the applicable Letters of Transmittal that (A) they are not Broker-Dealers, (B) they are not participating in a distribution of the Exchange Notes and (C) they are not affiliates (as defined in Rule 144) of the Issuer.

Concurrently with the issuance of such Notes, the Trustee will cause the aggregate principal amount of the applicable Restricted Global Notes to be reduced accordingly, and the Issuer will execute and the Trustee will authenticate and deliver to the Persons designated by the Holders of Definitive Notes so accepted Unrestricted Definitive Notes in the appropriate principal amount.

(g) *Legends*. The following legends will appear on all Global Notes and Definitive Notes issued under this Indenture unless specifically stated otherwise in the applicable provisions of this Indenture.

(1) *Private Placement Legend*.

(A) Except as permitted by subparagraph (B) below, each Global Note and each Definitive Note (and all Notes issued in exchange therefor or substitution thereof) shall bear the legend in substantially the following form:

“THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR THE SECURITIES LAWS OF ANY STATE OR OTHER JURISDICTION. NEITHER THIS SECURITY NOR ANY INTEREST OR PARTICIPATION HEREIN MAY BE REOFFERED, SOLD, ASSIGNED, TRANSFERRED, PLEDGED, ENCUMBERED OR OTHERWISE DISPOSED OF IN THE ABSENCE OF SUCH REGISTRATION OR UNLESS SUCH TRANSACTION IS EXEMPT FROM, OR NOT SUBJECT TO, SUCH REGISTRATION. THE HOLDER OF THIS SECURITY, BY ITS ACCEPTANCE HEREOF, AGREES ON ITS OWN BEHALF AND ON BEHALF OF ANY INVESTOR ACCOUNT FOR WHICH IT HAS PURCHASED SECURITIES, TO OFFER, SELL OR OTHERWISE TRANSFER SUCH SECURITY, PRIOR TO THE DATE (THE “RESALE RESTRICTION TERMINATION DATE”) THAT IS, IN THE CASE OF RULE 144A NOTES: ONE YEAR AFTER THE LATER OF THE ORIGINAL ISSUE DATE HEREOF, THE ORIGINAL ISSUE DATE OF THE ISSUANCE OF ANY ADDITIONAL NOTES AND THE LAST DATE ON WHICH THE ISSUER OR ANY AFFILIATE OF THE ISSUER WAS THE OWNER OF THIS SECURITY (OR ANY PREDECESSOR OF SUCH SECURITY), AND IN THE CASE OF REGULATION S NOTES: 40 DAYS AFTER THE LATER OF THE ORIGINAL ISSUE DATE HEREOF, THE ORIGINAL ISSUE DATE OF THE ISSUANCE OF ANY ADDITIONAL NOTES AND THE DATE ON WHICH THIS SECURITY (OR ANY PREDECESSOR OF SUCH SECURITY) WAS FIRST OFFERED TO PERSONS OTHER THAN DISTRIBUTORS (AS DEFINED IN RULE 902 OF REGULATION S) IN RELIANCE ON REGULATION S, ONLY (A) TO THE COMPANY OR ANY SUBSIDIARY THEREOF, (B) PURSUANT TO A REGISTRATION STATEMENT THAT HAS BEEN DECLARED EFFECTIVE UNDER THE SECURITIES ACT, (C) FOR SO LONG AS THE SECURITIES ARE ELIGIBLE FOR RESALE PURSUANT TO RULE 144A UNDER THE SECURITIES ACT, TO A PERSON IT REASONABLY BELIEVES IS A “QUALIFIED INSTITUTIONAL BUYER” AS DEFINED IN RULE 144A THAT PURCHASES FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER TO WHOM NOTICE IS GIVEN THAT THE TRANSFER IS BEING MADE IN RELIANCE ON RULE 144A, (D) PURSUANT TO OFFERS AND SALES TO NON-U.S. PERSONS THAT OCCUR OUTSIDE OF THE UNITED STATES WITHIN THE MEANING OF REGULATION S UNDER THE SECURITIES ACT, OR (E) PURSUANT TO ANOTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT, SUBJECT TO THE COMPANY’S AND THE TRUSTEE’S RIGHT PRIOR TO ANY SUCH OFFER, SALE OR TRANSFER PURSUANT TO CLAUSE (E) TO REQUIRE THE DELIVERY OF AN OPINION OF COUNSEL, CERTIFICATION AND/ OR OTHER INFORMATION SATISFACTORY TO EACH OF THEM. THIS LEGEND WILL BE REMOVED UPON THE REQUEST OF THE HOLDER AFTER THE RESALE RESTRICTION TERMINATION DATE. IN THE CASE OF REGULATION S NOTES: BY ITS ACQUISITION

HEREOF, THE HOLDER HEREOF REPRESENTS THAT IT IS NOT A U.S. PERSON NOR IS IT PURCHASING FOR THE ACCOUNT OF A U.S. PERSON AND IS ACQUIRING THIS SECURITY IN AN OFFSHORE TRANSACTION IN ACCORDANCE WITH REGULATION S UNDER THE SECURITIES ACT.

BY ITS ACQUISITION OF THIS SECURITY (OR ANY INTEREST HEREIN), THE HOLDER THEREOF WILL BE DEEMED TO HAVE REPRESENTED AND WARRANTED THAT EITHER (1) NO PORTION OF THE ASSETS USED BY SUCH HOLDER TO ACQUIRE OR HOLD THIS SECURITY (OR ANY INTEREST HEREIN) CONSTITUTES THE ASSETS OF (A) ANY EMPLOYEE BENEFIT PLAN THAT IS SUBJECT TO TITLE I OF THE U.S. EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED (“ERISA”), (B) A PLAN, INDIVIDUAL RETIREMENT ACCOUNT OR OTHER ARRANGEMENT THAT IS SUBJECT TO THE PROHIBITED TRANSACTION PROVISIONS OF SECTION 406 OF ERISA OR SECTION 4975 OF THE U.S. INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE “CODE”) OR PROVISIONS UNDER ANY OTHER U.S. OR NON-U.S. FEDERAL, STATE, LOCAL OR OTHER LAWS OR REGULATIONS THAT ARE SIMILAR TO SUCH PROVISIONS OF ERISA AND/OR THE CODE (COLLECTIVELY, “SIMILAR LAWS”) OR (C) OF AN ENTITY WHOSE UNDERLYING ASSETS ARE CONSIDERED TO INCLUDE “PLAN ASSETS” OF ANY SUCH PLAN, ACCOUNT OR ARRANGEMENT DESCRIBED IN CLAUSE (A) OR (B) (EACH OF (A), (B) AND (C), A “PLAN”) OR (2) (A) THE ACQUISITION AND HOLDING OF THIS SECURITY (OR ANY INTEREST HEREIN) WILL NOT CONSTITUTE A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR SECTION 4975 OF THE CODE OR A SIMILAR VIOLATION UNDER ANY APPLICABLE SIMILAR LAWS.”

(B) Notwithstanding the foregoing, any Global Note or Definitive Note issued pursuant to subparagraphs (b)(4), (c)(2), (c)(3), (d)(2), (d)(3), (e)(2), (e)(3) or (f) of this Section 2.06 (and all Notes issued in exchange therefor or substitution thereof) will not bear the Private Placement Legend.

In addition, the foregoing legend may be adjusted for future issuances in accordance with applicable law. The Issuer, in its discretion, may remove the Private Placement Legend from any Restricted Global Note at any time on or after the Resale Restriction Termination Date applicable to such Note. Without limiting the generality of the preceding sentence, the Issuer may, subject to Applicable Procedures, effect such removal by issuing and delivering, in exchange for such Note, an Unrestricted Global Note without such legend, registered to the same Holder and in an equal principal amount, and upon receipt by the Trustee of a written order of the Issuer stating that the Resale Restriction Termination Date applicable to such Note has occurred and requesting the authentication and delivery of an Unrestricted Global Note in exchange therefor (which order shall not be required to be accompanied by any Opinion of Counsel or any other document) given at least three Business Days in advance of the proposed date of exchange specified therein (which shall be no earlier than such Resale Restriction Termination Date), the Trustee shall authenticate and deliver such Unrestricted Global Note to the Depository or pursuant to such Depository’s instructions or hold such Unrestricted Global Note as Custodian for the Depository and shall request

the Depositary to, or, if the Trustee is Custodian of such Restricted Global Note, shall itself, surrender such Restricted Global Note in exchange for such Unrestricted Global Note without such legend and thereupon cancel such Restricted Global Note so surrendered, all as directed in such order. For purposes of determining whether the Resale Restriction Termination Date has occurred with respect to any Restricted Global Note or delivering any order pursuant to this Section 2.06(g)(1) with respect to such Restricted Global Notes, (i) only those Restricted Global Notes that a Principal Officer of the Issuer actually knows (after reasonable inquiry) to be or to have been owned by an Affiliate of the Issuer shall be deemed to be or to have been, respectively, owned by an Affiliate of the Issuer; and (ii) "Principal Officer" means an Officer of the Issuer that is the principal executive officer, the principal financial officer, the treasurer or the principal accounting officer. For purposes of this Section 2.06(g)(1), all provisions relating to the removal of the Private Placement Legend shall relate, if the Resale Restriction Termination Date has occurred only with respect to a portion of the Notes evidenced by a Restricted Global Note, to such portion of the Notes so evidenced as to which the Resale Restriction Termination Date has occurred.

Each Holder of any Note evidenced by any Restricted Global Note, by its acceptance thereof, (A) authorizes and consents to, (B) appoints each Issuer as its agent for the sole purpose of delivering such electronic messages, executing and delivering such instruments and taking such other actions, on such Holder's behalf, as the Depositary or the Trustee may require to effect, and (C) upon the request of the Issuer, agrees to deliver such electronic messages, execute and deliver such instruments and take such other actions as the Depositary or the Trustee may require, or as shall otherwise be necessary to effect, the removal of the Private Placement Legend (including by means of the exchange of all or the portion of such Restricted Global Note evidencing such Note for a certificate evidencing such Note that does not bear such legend) at any time after the Resale Restriction Termination Date.

(2) *Global Note Legend.* Each Global Note will bear a legend in substantially the following form:

"THIS GLOBAL NOTE IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS NOTE) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (1) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO SECTION 2.06 OF THE INDENTURE, (2) THIS GLOBAL NOTE MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.06(a) OF THE INDENTURE, (3) THIS GLOBAL NOTE MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.11 OF THE INDENTURE AND (4) THIS GLOBAL NOTE MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE ISSUER.

UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR NOTES IN DEFINITIVE FORM, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY. UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY (55 WATER STREET, NEW YORK, NEW YORK) (“DTC”), TO THE ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR SUCH OTHER ENTITY AS MAY BE REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.”

(h) *Cancellation and/or Adjustment of Global Notes.* At such time as all beneficial interests in a particular Global Note have been exchanged for beneficial interests in another Global Note or Definitive Notes, or a particular Global Note has been redeemed, repurchased or canceled in whole and not in part, each such Global Note will be returned to or retained and canceled by the Trustee in accordance with Section 2.11. At any time prior to such cancellation, if any beneficial interest in a Global Note is exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note or for Definitive Notes, the principal amount of Notes represented by such Global Note will be reduced accordingly and an endorsement will be made on such Global Note by the Trustee or by the Depositary at the direction of the Trustee to reflect such reduction; and if the beneficial interest is being exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note, such other Global Note will be increased accordingly and an endorsement will be made on such Global Note by the Trustee or by the Depositary at the direction of the Trustee to reflect such increase.

(i) *General Provisions Relating to Transfers and Exchanges.*

(1) To permit registrations of transfers and exchanges, the Issuer will execute and the Trustee will authenticate Global Notes and Definitive Notes upon receipt of an Authentication Order in accordance with Section 2.02 or at the Registrar’s request.

(2) No service charge will be made to a Holder of a beneficial interest in a Global Note or to a Holder of a Definitive Note for any registration of transfer or exchange, but the Issuer may require payment of a sum sufficient to cover any transfer tax or similar governmental charge payable in connection therewith (other than any such transfer taxes or similar governmental charge payable upon exchange pursuant to Sections 2.10, 3.06, 3.09, 4.10, 4.15 and 9.04 not involving any transfer).

(3) The Registrar will not be required to register the transfer of or exchange of any Note selected for redemption in whole or in part, except the unredeemed portion of any Note being redeemed in part.

(4) All Global Notes and Definitive Notes issued upon any registration of transfer or exchange of Global Notes or Definitive Notes will be the valid obligations of the Issuer, evidencing the same debt, and entitled to the same benefits under this Indenture, as the Global Notes or Definitive Notes surrendered upon such registration of transfer or exchange.

(5) Neither the Registrar nor the Issuer will be required:

(A) to issue, to register the transfer of or to exchange any Notes during a period beginning at the opening of business 15 days before the day of any selection of Notes for redemption under Section 3.02 and ending at the close of business on the day of selection;

(B) to register the transfer of or to exchange any Note selected for redemption in whole or in part, except the unredeemed portion of any Note being redeemed in part; or

(C) to register the transfer of or to exchange a Note between a record date and the next succeeding Interest Payment Date.

(6) Prior to due presentment for the registration of a transfer of any Note, the Trustee, any Agent and the Issuer may deem and treat the Person in whose name any Note is registered as the absolute owner of such Note for the purpose of receiving payment of principal of and interest on such Notes and for all other purposes, and none of the Trustee, any Agent or the Issuer shall be affected by notice to the contrary.

(7) The Trustee will authenticate Global Notes and Definitive Notes in accordance with the provisions of Section 2.02.

(8) All certifications, certificates and Opinions of Counsel required to be submitted to the Registrar pursuant to this Section 2.06 to effect a registration of transfer or exchange may be submitted by facsimile or electronic image scan.

Section 2.07 *Replacement Notes.*

If any mutilated Note is surrendered to the Trustee or the Issuer and the Trustee receives evidence to its satisfaction of the destruction, loss or theft of any Note, and such other reasonable requirements as may be imposed by the Issuer as permitted by Section 8-405 of the Uniform Commercial Code have been satisfied, then, in the absence of notice to the Issuer or the Trustee that such Note has been acquired by a “protected purchaser” within the meaning of Section 8-405 of the Uniform Commercial Code, the Issuer will issue and the Trustee, upon receipt of an Authentication Order, will authenticate a replacement Note if the Trustee’s requirements are met. If required by the Trustee or the Issuer, an indemnity bond must be supplied by the Holder that is sufficient in the judgment of the Trustee and the Issuer to protect the Issuer, the Trustee, any Agent and any authenticating agent from any loss that any of them may suffer if a Note is replaced. The Issuer may charge for its expenses in replacing a Note.

Every replacement Note is an additional obligation of the Issuer and will be entitled to all of the benefits of this Indenture equally and proportionately with all other Notes duly issued hereunder.

Section 2.08 Outstanding Notes.

The Notes outstanding at any time are all the Notes authenticated by the Trustee except for those canceled by it, those delivered to it for cancellation, those reductions in the interest in a Global Note effected by the Trustee in accordance with the provisions hereof, and those described in this Section 2.08 as not outstanding. Except as set forth in Section 2.09, a Note does not cease to be outstanding because the Issuer or an Affiliate of the Issuer holds the Note.

If a Note is replaced pursuant to Section 2.07, it ceases to be outstanding unless the Trustee receives proof satisfactory to it that the replaced Note is held by a protected purchaser within the meaning of Section 8-405 of the Uniform Commercial Code.

If the principal amount of any Note is considered paid under Section 4.01, it ceases to be outstanding and interest on it ceases to accrue.

If the Paying Agent (other than the Issuer, a Subsidiary or an Affiliate of any thereof) holds, by 10:00 a.m. Eastern Time on a redemption date or other maturity date, money sufficient to pay Notes payable on that date, then on and after that date such Notes will be deemed to be no longer outstanding and will cease to accrue interest.

Section 2.09 Treasury Notes.

In determining whether the Holders of the required principal amount of Notes have concurred in any direction, waiver or consent, Notes owned by the Issuer or any Guarantor, or by any Person directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer or any Guarantor, will be considered as though not outstanding, except that for the purposes of determining whether the Trustee will be protected in relying on any such direction, waiver or consent, only Notes that the Trustee knows are so owned will be so disregarded.

Section 2.10 Temporary Notes.

Until certificates representing Notes are ready for delivery, the Issuer may prepare and the Trustee, upon receipt of an Authentication Order, will authenticate temporary Notes. Temporary Notes will be substantially in the form of certificated Notes but may have variations that the Issuer considers appropriate for temporary Notes and as may be reasonably acceptable to the Trustee. Without unreasonable delay, the Issuer will prepare and the Trustee will authenticate definitive Notes in exchange for temporary Notes.

Holders of temporary Notes will be entitled to all of the benefits of this Indenture.

Section 2.11 *Cancellation.*

The Issuer at any time may deliver Notes to the Trustee for cancellation. The Registrar and Paying Agent will forward to the Trustee any Notes surrendered to them for registration of transfer, exchange or payment. The Trustee and no one else will cancel all Notes surrendered for registration of transfer, exchange, payment, replacement or cancellation and will destroy canceled Notes (subject to the record retention requirement of the Exchange Act). Certification of the disposition of all canceled Notes shall be delivered to the Issuer. The Issuer may not issue new Notes to replace Notes that it has paid or that have been delivered to the Trustee for cancellation.

Section 2.12 *Defaulted Interest.*

If the Issuer defaults in a payment of interest on the Notes, it will pay the defaulted interest in any lawful manner plus, to the extent lawful, interest payable on the defaulted interest, to the Persons who are Holders on a subsequent special record date, in each case at the rate provided in the Notes and in Section 4.01; *provided* that a special record date shall not be required with respect to payments of defaulted interest made within the applicable grace period for such payment. The Issuer will notify the Trustee, and the Paying Agent if other than the Trustee, in writing of the amount of defaulted interest proposed to be paid on each Note and the date of the proposed payment. The Issuer will fix or cause to be fixed each such special record date and payment date; *provided* that no such special record date may be less than 10 days prior to the related payment date for such defaulted interest. For purposes of Sections 2.05, 2.06, 3.05, 3.07, 3.09, 4.10 and 4.15, reference to "Interest Payment Date" shall be deemed to refer to and include any such payment date so fixed. At least 15 days before the special record date, the Issuer (or, upon the written request of the Issuer, the Trustee in the name and at the expense of the Issuer) will mail or cause to be mailed to Holders a notice that states the special record date, the related payment date and the amount of such interest to be paid.

Section 2.13 *Issuance of Additional Notes.*

(a) The Issuer shall be entitled, subject to its compliance with Article Four, to issue Additional Notes under this Indenture. Any Additional Notes shall be part of the same series as the Initial Notes issued on the date hereof, rank equally with the Initial Notes and have identical terms and conditions to the Initial Notes in all respects other than (a) the date of issuance, (b) the issue price, (c) rights under a related Registration Rights Agreement, if any, and (d) at the option of the Issuer, (i) as to the payment of interest accruing prior to the issue date of such Additional Notes, and (ii) the first payment of interest following the issue date of such Additional Notes. The Initial Notes, any Additional Notes subsequently issued upon original issue under this Indenture and all Exchange Notes issued in exchange for Initial Notes or any Additional Notes shall be treated as a single class for all purposes under this Indenture, including directions, waivers, amendments, consents, redemptions and offers to purchase, and none of the Holders of any Initial Notes, any Exchange Notes or any Additional Notes shall have the right to vote or consent as a separate class on any matter to which such Holders are entitled to vote or consent; *provided, however*, that if any Additional Notes are not fungible with the Initial Notes, such Additional Notes shall have a different CUSIP number (or other applicable identifying number).

(b) With respect to any Additional Notes, the Issuer shall set forth in an Officers' Certificate, a copy of which shall be delivered to the Trustee at or prior to original issuance thereof, the following information:

(1) the aggregate principal amount of such Additional Notes to be authenticated and delivered pursuant to this Indenture;

(2) the issue date (and the corresponding date from which interest shall accrue thereon and the first Interest Payment Date therefor), the CUSIP and/or ISIN number and the issue price of such Additional Notes; and

(3) whether such Additional Notes shall be subject to the restrictions on transfer set forth in Section 2.06 relating to Restricted Global Notes and Restricted Definitive Notes.

(c) Notwithstanding anything else herein, with respect to any Additional Notes issued subsequent to the date hereof, when the context requires, (1) all references in Article 2 herein and elsewhere in this Indenture to a Registration Rights Agreement shall be to the Registration Rights Agreement entered into with respect to such Additional Notes, (2) any references in this Indenture to the Exchange Offer, Exchange Offer Registration Statement, Shelf Registration Statement, and any other term related thereto shall be to such terms as they are defined in such Registration Rights Agreement entered into with respect to such Additional Notes, (3) all time periods described in the Notes with respect to the registration of such Additional Notes shall be as provided in such Registration Rights Agreement entered into with respect to such Additional Notes, (4) any Additional Interest, if set forth in such Registration Rights Agreement, may be paid to the Holders of the Additional Notes immediately prior to the making or the consummation of the Exchange Offer regardless of any other provisions regarding record dates herein and (5) all provisions of this Indenture shall be construed and interpreted to permit the issuance of such Additional Notes and to allow such Additional Notes to become fungible and interchangeable with the Initial Notes originally issued under this Indenture (and Exchange Notes issued in exchange therefor). Indebtedness represented by Additional Notes shall be subject to the covenants contained in this Indenture.

Section 2.14 Computation of Interest.

Interest on the Notes shall be computed on the basis of a 360-day year of twelve 30-day months.

ARTICLE 3
REDEMPTION AND PREPAYMENT

Section 3.01 Notices to Trustee.

If the Issuer elects to redeem Notes pursuant to the optional redemption provisions of Section 3.07, the Issuer must furnish to the Trustee, at least five Business Days prior to the giving of notice of a redemption (or such shorter period as shall be acceptable to the Trustee), an Officers' Certificate setting forth:

- (a) the clause of this Indenture pursuant to which the redemption shall occur;
- (b) the redemption date;
- (c) the principal amount of Notes to be redeemed; and
- (d) the redemption price (if then determined and otherwise the method of determination).

Section 3.02 *Selection of Notes to Be Redeemed.*

If less than all of the Notes are to be redeemed at any time, the Trustee will select Notes for redemption on a *pro rata* basis (or, in the case of Notes issued in global form pursuant to Article 2, based on a method as DTC or its nominee or successor may require or, where such nominee or successor is the Trustee, a method that most nearly approximates *pro rata* selection as the Trustee deems fair and appropriate) unless otherwise required by law or applicable stock exchange or depositary requirements.

In the event of partial redemption by lot, the particular Notes to be redeemed will be selected, unless otherwise provided herein, not less than 15 nor more than 60 days prior to the redemption date by the Trustee from the outstanding Notes not previously called for redemption.

The Trustee will promptly notify the Issuer in writing of the Notes selected for redemption and, in the case of any Note selected for partial redemption, the principal amount thereof to be redeemed. Notes and portions of Notes selected will be in amounts of \$2,000 or integral multiples of \$1,000 in excess thereof. Except as provided in the preceding sentence, provisions of this Indenture that apply to Notes called for redemption also apply to portions of Notes called for redemption.

Section 3.03 *Notice of Redemption.*

At least 15 days but not more than 60 days before a redemption date, the Issuer will mail or cause to be mailed, by first class mail (or sent electronically if DTC is the recipient), a notice of redemption to each Holder whose Notes are to be redeemed at its registered address, except that redemption notices may be given more than 60 days prior to a redemption date if the notice is issued in connection with a defeasance of the Notes or a satisfaction and discharge of this Indenture pursuant to Article 8 or 11.

The notice will identify the Notes to be redeemed and will state:

- (a) the redemption date;
- (b) the redemption price (if then determined and otherwise the method of determination);

(c) if any Note is being redeemed in part, the portion of the principal amount of such Note to be redeemed and that, after the redemption date upon surrender of such Note, a new Note or Notes in principal amount equal to the unredeemed portion will be issued in the name of the Holder thereof upon cancellation of the original Note;

- (d) the name and address of the Paying Agent;
- (e) that Notes called for redemption must be surrendered to the Paying Agent to collect the redemption price;
- (f) that, unless the Issuer defaults in making such redemption payment, interest on Notes or portions thereof called for redemption ceases to accrue on and after the redemption date;
- (g) the paragraph of the Notes and/or Section of this Indenture pursuant to which the Notes called for redemption are being redeemed;
- (h) that no representation is made as to the correctness or accuracy of the CUSIP or ISIN number, if any, listed in such notice or printed on the Notes; and
- (i) any conditions precedent to such redemption.

At the Issuer's request, the Trustee will give the notice of redemption in the Issuer's names and at the Issuer's expense; *provided, however*, that the Officers' Certificate delivered to the Trustee pursuant to Section 3.01 requests that the Trustee give such notice and sets forth the information to be stated in such notice as provided in the preceding paragraph.

Section 3.04 *Effect of Notice of Redemption.*

Once notice of redemption is given in accordance with Section 3.03, Notes or portions thereof called for redemption become irrevocably due and payable (subject to satisfaction of any conditions to such redemption) on the redemption date at the redemption price. A notice of redemption may, at the Issuer's discretion, be subject to one or more conditions precedent. If a redemption is subject to the satisfaction of one or more conditions precedent, the related notice shall describe each such condition, and if applicable, shall state that, in the Issuer's discretion, the date of redemption may be delayed until such time as any or all such conditions shall be satisfied or waived (*provided* that in no event shall such date of redemption be delayed to a date later than 60 days after the date on which such notice was sent), or such redemption may not occur and such notice may be rescinded in the event that any or all such conditions shall not have been satisfied or waived by the Issuer by the date of redemption, or by the date of redemption as so delayed.

Section 3.05 *Deposit of Redemption Price.*

No later than 11:00 a.m., New York City time, on the redemption date, the Issuer will deposit with the Trustee or with the Paying Agent money sufficient to pay the redemption price of and accrued interest on all Notes to be redeemed on that date. The Trustee or the Paying Agent will promptly return to the Issuer any money deposited with the Trustee or the Paying Agent by the Issuer in excess of the amounts necessary to pay the redemption price of and accrued interest on all Notes to be redeemed.

If the Issuer complies with the provisions of the preceding paragraph, on and after the redemption date, interest will cease to accrue on the Notes or the portions of Notes called for redemption. If a Note is redeemed on or after an interest record date but on or prior to the related Interest Payment Date, then any accrued and unpaid interest shall be paid to the Person in whose name such Note was registered at the close of business on such record date. If any Note called for redemption is not so paid upon surrender for redemption because of the failure of the Issuer to comply with the preceding paragraph, interest shall be paid on the unpaid principal, from the redemption date until such principal is paid, and to the extent lawful on any interest not paid on such unpaid principal, in each case at the rate provided in the Notes and in Section 4.01.

Section 3.06 Notes Redeemed in Part.

Upon surrender of a Note that is redeemed in part, the Issuer will issue and, upon receipt of an Authentication Order, the Trustee will authenticate for the Holder at the expense of the Issuer a new Note equal in principal amount to the unredeemed portion of the Note surrendered.

Section 3.07 Optional Redemption.

(a) At any time prior to February 1, 2022, the Issuer may on any one or more occasions redeem up to 35% of the aggregate principal amount of the Notes (including, without limitation, any Additional Notes) issued under this Indenture, in an amount not greater than the net cash proceeds of one or more Equity Offerings by the Issuer, upon notice as provided in this Indenture, at a redemption price equal to 109.250% of the principal amount of the Notes redeemed, plus accrued and unpaid interest to the date of redemption (subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date); *provided* that (1) at least 65% of the aggregate principal amount of Notes originally issued on the date of this Indenture (excluding Notes held by the Issuer and its Subsidiaries) remains outstanding immediately after the occurrence of such redemption; and (2) the redemption occurs within 180 days of the date of the closing of such Equity Offering.

(b) At any time prior to February 1, 2022, the Issuer may on any one or more occasions redeem all or a part of the Notes, upon notice as provided in this Indenture, at a redemption price equal to 100% of the principal amount of the Notes redeemed, plus the Applicable Premium as of, and accrued and unpaid interest to the date of redemption, subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date.

(c) Except pursuant to Section 3.07(a), (b) or (e), the Notes will not be redeemable at the Issuer's option prior to February 1, 2022.

(d) On and after February 1, 2022, the Issuer may on any one or more occasions redeem all or a part of the Notes, upon notice as provided in this Indenture, at the redemption prices (expressed as percentages of principal amount) set forth below, plus accrued and unpaid interest on the Notes redeemed to the applicable date of redemption, subject to the rights of Holders of Notes on the relevant record date to receive interest on the relevant Interest Payment Date, if redeemed during the twelve-month period beginning on February 1 of the years indicated below:

<u>Year</u>	<u>Percentage</u>
2022	106.938%
2023	104.625%
2024	102.313%
2025 and thereafter	100.000%

(e) The Issuer may redeem all (but not a portion of) the Notes when permitted by, and pursuant to the conditions in, Section 4.15(f).

(f) Any redemption pursuant to this Section 3.07 shall be made pursuant to the provisions of Sections 3.01 through 3.06.

Section 3.08 Mandatory Redemption.

The Issuer is not required to make mandatory redemption or sinking fund payments with respect to the Notes. The Issuer may at any time and from time to time purchase Notes in the open market or otherwise, in each case without any restriction under this Indenture.

Section 3.09 Offer to Purchase by Application of Excess Proceeds.

In the event that, pursuant to Section 4.10, the Issuer is required to commence an Asset Sale Offer to all Holders to purchase Notes, it will follow the procedures specified below.

The Asset Sale Offer shall be made to all Holders and all holders of other Indebtedness that is *pari passu* with the Notes containing provisions similar to those set forth in this Indenture with respect to offers to purchase, prepay or redeem with the proceeds of sales of assets. The Asset Sale Offer will remain open for a period of at least 20 Business Days following its commencement and not more than 30 Business Days, except to the extent that a longer period is required by applicable law (the “*Offer Period*”). No later than three Business Days after the termination of the Offer Period (the “*Purchase Date*”), the Issuer will apply all Excess Proceeds (the “*Offer Amount*”) to the purchase of Notes and such other *pari passu* Indebtedness (on a *pro rata* basis based on the principal amount of Notes and such other *pari passu* Indebtedness surrendered, if applicable) or, if less than the Offer Amount has been tendered, all Notes and other Indebtedness tendered in response to the Asset Sale Offer. Payment for any Notes so purchased will be made in the same manner specified in the last paragraph of this Section 3.09.

If the Purchase Date is on or after an interest record date and on or before the related Interest Payment Date, any accrued and unpaid interest will be paid to the Person in whose name a Note is registered at the close of business on such record date, and no additional interest will be payable to Holders who tender Notes pursuant to the Asset Sale Offer.

Upon the commencement of an Asset Sale Offer, the Issuer will send, by first class mail, a notice to each of the Holders, with a copy to the Trustee. The notice will contain all instructions and materials necessary to enable such Holders to tender Notes pursuant to the Asset Sale Offer. The notice, which will govern the terms of the Asset Sale Offer, will state:

- (a) that the Asset Sale Offer is being made pursuant to this Section 3.09 and Section 4.10 and the length of time the Asset Sale Offer will remain open;
- (b) the Offer Amount, the purchase price and the Purchase Date;
- (c) that any Note not tendered or accepted for payment will continue to accrue interest;
- (d) that, unless the Issuer defaults in making such payment, any Note accepted for payment pursuant to the Asset Sale Offer will cease to accrue interest on and after the Purchase Date;
- (e) that Holders electing to have a Note purchased pursuant to an Asset Sale Offer may elect to have Notes purchased in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof;
- (f) that Holders electing to have Notes purchased pursuant to any Asset Sale Offer will be required to surrender the Note, with the form entitled "Option of Holder to Elect Purchase" attached to the Notes completed, or transfer by book-entry transfer, to the Issuer, a depositary, if appointed by the Issuer, or a Paying Agent at the address specified in the notice at least three days before the Purchase Date;
- (g) that Holders will be entitled to withdraw their election if the Issuer, the Depositary or the Paying Agent, as the case may be, receives, not later than the expiration of the Offer Period, a telegram, electronic image scan, facsimile transmission or letter setting forth the name of the Holder, the principal amount of the Note the Holder delivered for purchase and a statement that such Holder is withdrawing his election to have such Note purchased;
- (h) that, if the aggregate principal amount of Notes surrendered by Holders thereof exceeds the Offer Amount allocated to the purchase of Notes in the Asset Sale Offer, the Trustee will select the Notes to be purchased on a *pro rata* basis (except that any Notes represented by a Global Note shall be selected by such method as DTC or its nominee or successor may require or, where such nominee or successor is the Trustee, a method that most nearly approximates *pro rata* selection as the Trustee deems fair and appropriate) based on the principal amount of Notes surrendered (with such adjustments as may be deemed appropriate by the Issuer so that only Notes in denominations of \$2,000, and any integral multiple of \$1,000 in excess thereof; and
- (i) that Holders whose Notes were purchased only in part will be issued new Notes equal in principal amount to the unpurchased portion of the Notes surrendered (or transferred by book-entry transfer).

On or before the Purchase Date, the Issuer will, to the extent lawful, accept for payment, on a *pro rata* basis to the extent necessary, the Notes or portions thereof tendered pursuant to the Asset Sale Offer and required to be purchased pursuant to this Section 3.09 and Section 4.10, or if Notes in an aggregate principal amount less than the Offer Amount allocated to the purchase of

Notes in the Asset Sale Offer have been tendered, all Notes tendered, and will deliver or cause to be delivered to the Trustee the Notes properly accepted together with an Officers' Certificate stating that such Notes or portions thereof were accepted for payment by the Issuer in accordance with the terms of this Section 3.09. Notes to be purchased shall, on the Purchase Date, become due and payable at the purchase price and from and after such date (unless the Issuer shall default in the payment of the purchase price) such Notes shall cease to accrue interest. The Issuer, the depository for the Asset Sale Offer or the Paying Agent, as the case may be, will promptly (but in any case not later than five days after the Purchase Date) mail or deliver to each tendering Holder an amount equal to the purchase price of the Notes tendered by such Holder and accepted by the Issuer for purchase (or, if any Notes are then in global form, it will promptly make such payment thereon through the facilities of DTC), and the Issuer will promptly issue a new Note, and the Trustee, upon written request from the Issuer, will authenticate and mail or deliver (or cause to be transferred by book entry) such new Note to such Holder, in a principal amount equal to any unpurchased portion of the Note surrendered. Any Note not so accepted shall be promptly mailed or delivered by the Issuer to the Holder thereof. The Issuer will publicly announce the results of the Asset Sale Offer on the Purchase Date.

ARTICLE 4 COVENANTS

Section 4.01 *Payment of Notes.*

The Issuer will pay or cause to be paid the principal of, premium on, if any, and interest on the Notes on the dates and in the manner provided in the Notes. Principal, premium, if any, and interest will be considered paid on the date due if the Paying Agent, if other than the Issuer or a Subsidiary of the Issuer, holds as of 11:00 a.m., New York City time, on the due date money deposited by the Issuer in immediately available funds and designated for and sufficient to pay all principal, premium, if any, and interest, if any, then due. All references in this Indenture or the Notes to "interest" shall be deemed to include Additional Interest, if any, unless the context requires otherwise. The Issuer will pay all Additional Interest, if any, in the same manner on the dates and in the amounts set forth in the applicable Registration Rights Agreement.

The Issuer will pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue principal at a rate that is equal to the then applicable interest rate on the Notes to the extent lawful; the Issuer will pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue installments of interest (without regard to any applicable grace period), at the same rate to the extent lawful.

The Issuer may at any time, for the purpose of obtaining satisfaction and discharge with respect to the Notes or for any other purpose, pay, or direct any Paying Agent to pay, to the Trustee all sums held in trust by the Issuer or such Paying Agent, such sums to be held by the Trustee upon the same terms as those upon which such sums were held by the Issuer or such Paying Agent; and, upon such payment by any Paying Agent to the Trustee, such Paying Agent shall be released from all further liability with respect to such money.

Any money deposited with the Trustee or any Paying Agent, or then held by the Issuer, in trust for the payment of the principal of, premium, if any, or interest on any Note and remaining unclaimed for two years after such principal, and premium, if any, or interest has become due and payable shall be paid to the Issuer on its request, or (if then held by the Issuer) shall be discharged from such trust; and the Holder of such Note shall thereafter look only to the Issuer for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Issuer as trustee thereof, shall thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, shall, at the expense of the Issuer, cause to be published once, in *The New York Times* or *The Wall Street Journal* (national edition), notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such publication, any unclaimed balance of such money then remaining will be repaid to the Issuer.

Section 4.02 *Maintenance of Office or Agency.*

The Issuer will maintain, an office or agency (which may be an office of the Trustee or an affiliate of the Trustee) where Notes may be surrendered for registration of transfer or for exchange and where notices and demands to or upon the Issuer in respect of the Notes and this Indenture may be served. The Issuer will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Issuer fails to maintain any such required office or agency or fails to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the Corporate Trust Office of the Trustee.

The Issuer may also from time to time designate one or more other offices or agencies where the Notes may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; *provided, however*, that no such designation or rescission will in any manner relieve the Issuer of its obligation to maintain an office or agency for such purposes. The Issuer will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

The Issuer hereby designates the Corporate Trust Office of the Trustee as one such office or agency of the Issuer in accordance with Section 2.03 of this Indenture.

With respect to any Global Notes, the Corporate Trust Office of the Trustee shall be the office or agency where such Global Notes may be presented or surrendered for payment or for registration of transfer or exchange, or where successor Notes may be delivered in exchange therefor; *provided, however*, that any such presentation, surrender or delivery effected pursuant to the Applicable Procedures of the Depositary shall be deemed to have been effected at such office or agency in accordance with the provisions of this Indenture.

Section 4.03 *Reports.*

(a) Whether or not required by the rules and regulations of the SEC, so long as any Notes are outstanding, the Issuer will furnish to the Holders of Notes or cause the Trustee to furnish to the Holders of Notes (or file with the SEC for public availability), within the time periods specified in the SEC's rules and regulations applicable to a non-accelerated filer, after giving effect to all applicable extensions and cure periods:

(1) all quarterly and annual reports that would be required to be filed with the SEC on Forms 10-Q and 10-K if the Issuer were required to file such reports, including a “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and, with respect to the annual report only, a report on the Issuer’s consolidated financial statements by the Issuer’s certified independent accountants; and

(2) all current reports that would be required to be filed with the SEC on Form 8-K if the Issuer were required to file such reports.

The availability of the foregoing reports on the SEC’s EDGAR filing system will be deemed to satisfy the foregoing delivery requirements.

(b) If the Issuer has designated as an Unrestricted Subsidiary any of its Subsidiaries that is a Significant Subsidiary (or that, taken together with other Unrestricted Subsidiaries, would be a Significant Subsidiary), then the quarterly and annual financial information required by Section 4.03(a) will include, to the extent material, a reasonably detailed presentation, either on the face of the financial statements or in the footnotes thereto, and in Management’s Discussion and Analysis of Financial Condition and Results of Operations, of the financial condition and results of operations of the Issuer and its Restricted Subsidiaries separate from the financial condition and results of operations of the Unrestricted Subsidiaries of the Issuer.

(c) In the event that any direct or indirect parent company of the Issuer becomes a guarantor of the Notes, the Issuer may satisfy its obligations under this Section 4.03 with respect to financial and other information relating to the Issuer by furnishing corresponding information relating to such parent company; *provided* that the same includes a reasonable summary of the differences between the information relating to such parent, on the one hand, and the information relating to the Issuer and its Restricted Subsidiaries on a standalone basis, on the other hand.

(d) Any and all Defaults or Events of Default arising from a failure to furnish or file in a timely manner a report or information required by this Section 4.03 shall be deemed cured (and the Issuer shall be deemed to be in compliance with this Section 4.03) upon furnishing or filing such report or information as contemplated by this Section 4.03 (but without regard to the date on which such report or information is so furnished or filed); *provided* that such cure shall not otherwise affect the rights of the Holders under Article 6 if the principal, premium, if any, and interest have been accelerated in accordance with the terms of this Indenture and such acceleration has not been rescinded or cancelled prior to such cure.

(e) For so long as any Notes remain outstanding, the Issuer will furnish to the Holders and Beneficial Owners of the Notes and to securities analysts and prospective investors in the Notes, upon their request, the information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act.

(f) This Section 4.03 does not impose any duty on the Issuer under the Sarbanes Oxley Act of 2002 and the related SEC rules that would not otherwise be applicable.

(f) The Issuer will be deemed to have furnished to the Holders and Beneficial Owners of the Notes and to securities analysts and prospective investors the reports referred to in clauses (1) and (2) of Section 4.03(a) or the information referred to in Section 4.03(e) if the Issuer has posted such reports or information on the Issuer Website. For purposes of this Section 4.03, the term “Issuer Website” means the collection of web pages that may be accessed on the World Wide Web using the URL address <http://www.rangeresources.com> or such other address as the Issuer may from time to time maintain for public information.

Section 4.04 *Compliance Certificate.*

(a) The Issuer and each Guarantor (to the extent that such Guarantor is so required under the TIA) shall deliver to the Trustee, within 120 days after the end of each fiscal year, beginning with the fiscal year ending December 31, 2020, an Officers' Certificate stating that a review of the activities of the Issuer and its Subsidiaries during the preceding fiscal year has been made under the supervision of the signing Officers with a view to determining whether the Issuer has kept, observed, performed and fulfilled its obligations under this Indenture, and further stating, as to each such Officer signing such certificate, that to the best of his or her knowledge the Issuer has kept, observed, performed and fulfilled each and every covenant contained in this Indenture and is not in default in the performance or observance of any of the terms, provisions and conditions of this Indenture (or, if a Default or Event of Default has occurred, describing all such Defaults or Events of Default of which he or she may have knowledge and what action the Issuer is taking or proposes to take with respect thereto).

(b) So long as any of the Notes are outstanding, upon any Officer of the issuer becoming aware of any Default or Event of Default, the Issuer shall deliver to the Trustee a written statement specifying such Default or Event of Default and what action the Issuer is taking or proposes to take with respect thereto within 30 days after such Officer becomes aware of the occurrence and continuance of such Event of Default, unless such Default or Event of Default has been cured before the end of the 30-day period.

Section 4.05 *Taxes.*

The Issuer will pay, and will cause each of its Subsidiaries to pay, prior to delinquency, all material taxes, assessments, and governmental levies except such as are contested in good faith and by appropriate proceedings or where the failure to effect such payment is not adverse in any material respect to the Holders of the Notes.

Section 4.06 *Stay, Extension and Usury Laws.*

The Issuer and each of the Guarantors covenants (to the extent that it may lawfully do so) that it will not at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension or usury law wherever enacted, now or at any time hereafter in force, that may affect the covenants or the performance of this Indenture; and the Issuer and each of the Guarantors (to the extent that it may lawfully do so) hereby expressly waives all benefit or advantage of any such law, and covenants that it will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law has been enacted.

Section 4.07 *Restricted Payments.*

(a) The Issuer will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly:

(1) declare or pay any dividend or make any other payment or distribution on account of the Issuer's or any of its Restricted Subsidiaries' Equity Interests (including, without limitation, any payment in connection with any merger or consolidation involving the Issuer or any of its Restricted Subsidiaries) or to the direct or indirect holders of the Issuer's or any of its Restricted Subsidiaries' Equity Interests in their capacity as such (other than dividends or distributions payable in Equity Interests (other than Disqualified Stock) of the Issuer and other than dividends or distributions payable to the Issuer or a Restricted Subsidiary of the Issuer);

(2) repurchase, redeem or otherwise acquire or retire for value (including, without limitation, in connection with any merger or consolidation involving the Issuer) any Equity Interests of the Issuer or any direct or indirect parent of the Issuer other than through the exchange therefor solely of Equity Interests (other than Disqualified Stock) of the Issuer and other than any acquisition or retirement for value from, or payment to, the Issuer or any Restricted Subsidiary of the Issuer;

(3) make any payment on or with respect to, or repurchase, redeem, defease or otherwise acquire or retire for value any Indebtedness of the Issuer or any Guarantor that is contractually subordinated to the Notes or to any Guarantee (excluding (a) any intercompany Indebtedness between or among the Issuer and any of its Restricted Subsidiaries and (b) the repurchase or other acquisition or retirement for value of any such Indebtedness in anticipation of satisfying a sinking fund or other payment obligation due within one year of the date of such repurchase or other acquisition or retirement for value), except a payment of interest or principal at the Stated Maturity thereof; or

(4) make any Restricted Investment (all such payments and other actions set forth in clauses (1) through (4) of this Section 4.07(a), being collectively referred to as "*Restricted Payments*"),

unless, at the time of and after giving effect to such Restricted Payment,

(A) no Default or Event of Default has occurred and is continuing or would occur as a consequence of such Restricted Payment;

(B) the Issuer would, at the time of such Restricted Payment and after giving pro forma effect thereto as if such Restricted Payment had been made at the beginning of the applicable four-quarter period, have been permitted to incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in Section 4.09(a); and

(C) such Restricted Payment, together with the aggregate amount of all other Restricted Payments made by the Issuer and its Restricted Subsidiaries since the date of this Indenture (excluding Restricted Payments permitted by clauses (1) (with respect to a Restricted Payment made under clauses (2) through (13) of Section 4.07(b)) or clauses (2) through (13) of Section 4.07(b)), is less than the sum, without duplication, of:

(i) 50% of the Consolidated Net Income of the Issuer for the period (taken as one accounting period) beginning January 1, 2020 to the end of the Issuer's most recently ended fiscal quarter for which internal financial statements are available at the time of such Restricted Payment (or, if such Consolidated Net Income for such period is a deficit, less 100% of such deficit); *plus*

(ii) 100% of the aggregate net cash proceeds and the Fair Market Value of any Capital Stock of Persons engaged primarily in the Oil and Gas Business or any other assets that are used or useful in the Oil and Gas Business other than cash, in each case received by the Issuer since the date of this Indenture as a contribution to its common equity capital or from the issue or sale of Equity Interests of the Issuer (other than Disqualified Stock) or received by the Issuer from the issue or sale of convertible or exchangeable Disqualified Stock or convertible or exchangeable debt securities of the Issuer that have been converted into or exchanged for such Equity Interests since the date of this Indenture or from the issue or sale of options, warrants or rights to purchase such Equity Interests that have been exercised for such Equity Interests since the date of this Indenture (other than, in either case, Equity Interests (or Disqualified Stock or debt securities) sold to a Restricted Subsidiary of the Issuer or to an employee stock ownership plan, option plan or similar trust to the extent such sale to an employee stock ownership plan, option plan or similar trust is financed by loans from or guaranteed by the Issuer or any Restricted Subsidiary (unless such loans have been repaid with cash on or prior to the date of determination)); *plus*

(iii) to the extent not already included in Consolidated Net Income for such period, if any Restricted Investment that was made by the Issuer or any of its Restricted Subsidiaries after the date of this Indenture is sold (other than to the Issuer or any Restricted Subsidiary of the Issuer) or otherwise cancelled, liquidated or repaid, 100% of the aggregate cash, and the Fair Market Value of any property other than cash, constituting the return of capital to the Issuer or any of its Restricted Subsidiaries with respect to such Restricted Investment resulting from such sale, cancellation, liquidation or repayment (less any out-of-pocket costs incurred in connection with any such sale); *plus*

(iv) the amount by which Indebtedness of the Issuer or its Restricted Subsidiaries is reduced on the Issuer's balance sheet upon the conversion or exchange (other than by a Restricted Subsidiary of the Issuer) subsequent to the date of this Indenture of any such Indebtedness of the Issuer or its Restricted Subsidiaries convertible or exchangeable for Equity Interests (other than Disqualified Stock) of the Issuer (less the amount of any cash, or the Fair Market Value of any other property (other than such Equity Interests), distributed by the Issuer upon such conversion or exchange and excluding the net cash proceeds from the conversion or exchange financed, directly or indirectly, using funds borrowed from the Issuer or any Restricted Subsidiary), together with the net proceeds, if any, received by the Issuer or any of its Restricted Subsidiaries upon such conversion or exchange; *plus*

(v) to the extent that any Unrestricted Subsidiary of the Issuer designated as such after the date of this Indenture is redesignated as a Restricted Subsidiary pursuant to the terms of this Indenture or is merged or consolidated with or into, or transfers or otherwise disposes of all of substantially all of its properties or assets to or is liquidated into, the Issuer or a Restricted Subsidiary after the date of this Indenture, the lesser of, as of the date of such redesignation, merger, consolidation, transfer, disposition or liquidation, (A) the Fair Market Value of the Issuer's Restricted Investment in such Subsidiary (or of the properties or assets disposed of, as applicable) as of the date of such redesignation, merger, consolidation, transfer, disposition or liquidation and (B) such Fair Market Value as of the date on which such Subsidiary was originally designated as an Unrestricted Subsidiary after the date of this Indenture; *plus*

(vi) the amount equal to the net reduction in Restricted Investments made since the date of this Indenture resulting from dividends, distributions, redemptions or repurchases, proceeds of sales or other dispositions thereof, interest payments, repayments of loans or advances, releases of guarantees or other transfers of assets (including transfers as a result of a merger or liquidation), in each case to the Issuer or any of its Restricted Subsidiaries from any Person (including, without limitation, Unrestricted Subsidiaries) in respect of Restricted Investments; *plus*

(vii) to the extent not included in clause (vi), any dividends received in cash by the Issuer or any of its Restricted Subsidiaries since the date of this Indenture from an Unrestricted Subsidiary, to the extent such dividends were not otherwise included in the Consolidated Net Income of the Issuer for such period.

(b) The provisions of Section 4.07(a) will not prohibit any of the following actions:

(1) the payment of any dividend or the consummation of any irrevocable redemption within 60 days after the date of declaration of the dividend or giving of the redemption notice, as the case may be, if at the date of declaration or notice, the dividend or redemption payment would have complied with the provisions of this Indenture;

(2) the making of any Restricted Payment in exchange for, or out of or with the net cash proceeds of the substantially concurrent sale (other than to a Subsidiary of the Issuer) of, Equity Interests of the Issuer (other than Disqualified Stock) or from the substantially concurrent contribution of common equity capital to the Issuer; *provided* that the amount of any such net cash proceeds that are utilized for any such Restricted Payment will not be considered to be net proceeds of Equity Interests for purposes of clause (C)(ii) of Section 4.07(a) and will not be considered to be net cash proceeds from an Equity Offering for purposes of Section 3.07;

(3) the payment of any dividend (or, in the case of any partnership or limited liability company, any similar distribution) by a Restricted Subsidiary of the Issuer to the holders of its Equity Interests on a *pro rata* basis (or a basis more favorable to the Issuer);

(4) the repurchase, redemption, defeasance, satisfaction and discharge or other acquisition or retirement for value of Indebtedness of the Issuer or any Guarantor that is contractually subordinated to the Notes or to any Guarantee or any Disqualified Stock of the Issuer out or with the net cash proceeds from a substantially concurrent incurrence of, or in exchange for, Permitted Refinancing Indebtedness;

(5) the repurchase, redemption or other acquisition or retirement for value of any Equity Interests of the Issuer or any Restricted Subsidiary of the Issuer held by any current or former officer, director or employee of the Issuer or any of its Restricted Subsidiaries pursuant to any equity subscription agreement, equity option agreement, unitholders' agreement or similar agreement; *provided* that the aggregate price paid for all such repurchased, redeemed, acquired or retired Equity Interests may not exceed \$10.0 million in any calendar year (with any portion of such \$10.0 million amount that is unused in any calendar year to be carried forward to successive calendar years and added to such amount), plus (a) the cash proceeds received by the Issuer or any of its Restricted Subsidiaries from sales of Equity Interests of the Issuer to employees or directors of the Issuer that occur after the date of this Indenture (to the extent the cash proceeds from the sale of such Equity Interests have not otherwise been applied to the payment of Restricted Payments by virtue of clause (C)(ii) of Section 4.07(a)), plus (b) the cash proceeds of key man life insurance policies received by the Issuer or any of its Restricted Subsidiaries after the date of this Indenture, less (c) the amount of payments previously effected by using amounts specified in the foregoing clauses (a) and (b);

(6) loans or advances to employees of the Issuer or employees or directors of any Subsidiary of the Issuer, in each case as permitted by Section 402 of the Sarbanes-Oxley Act of 2002, the proceeds of which are used to purchase Capital Stock of the Issuer, or to refinance loans or advances made pursuant to this clause (6), in an aggregate amount not in excess of \$2.0 million at any one time outstanding;

(7) the repurchase or other acquisition or retirement for value of Equity Interests deemed to occur upon the exercise, conversion or exchange of units or other equity options, warrants, incentives or other rights to acquire Equity Interests to the extent such Equity Interests represent a portion of the exercise, conversion or exchange price of those unit or other equity options or other rights and any repurchase or other acquisition or retirement for value of Equity Interests made in lieu of withholding taxes in connection with any exercise, conversion or exchange of units or other equity options, warrants, incentives or other rights to acquire Equity Interests;

(8) the repurchase, redemption or other acquisition or retirement for value of Equity Interests of the Issuer or any Restricted Subsidiary of the Issuer representing fractional units of such Equity Interests in connection with a merger or consolidation involving the Issuer or such Restricted Subsidiary or any other transaction permitted by this Indenture;

(9) the declaration and payment of regularly scheduled or accrued dividends to holders of any class or series of Disqualified Stock of the Issuer or any Preferred Stock of any Restricted Subsidiary of the Issuer issued in accordance with Section 4.09;

(10) payments of cash, dividends, distributions, advances or other Restricted Payments by the Issuer or any of its Restricted Subsidiaries to allow the payment of cash in lieu of the issuance of fractional units upon (i) the exercise of options or warrants, incentives or other rights to acquire Equity Interests or (ii) the exercise, conversion or exchange of Equity Interests of any such Person;

(11) the purchase, redemption or other acquisition or retirement for value of Indebtedness that is subordinated or junior in right of payment to the Notes or any Guarantee at a purchase price not greater than (i) 101% of the principal amount of such subordinated or junior Indebtedness in the event of a Change of Control or (ii) 100% of the principal amount of such subordinated or junior Indebtedness in the event of an Asset Sale, in each case, plus accrued and unpaid interest thereon, in connection with any change of control offer or prepayment offer required by the terms of such Indebtedness, but only if (a) in the case of a Change of Control, the Issuer has first complied with and fully satisfied its obligations in accordance with Section 4.15, or (b) in the case of an Asset Sale, the Issuer has complied with and fully satisfied its obligations in accordance with Section 4.10;

(12) repurchases or redemptions or other payments with respect to the Issuer's senior subordinated debt securities issued and outstanding as of the date of the indenture; and

(13) any Restricted Payment, which when combined with the outstanding amount of all other Restricted Payments effected pursuant to this clause (13), does not exceed \$100.0 million at any one time outstanding.

The amount of all Restricted Payments (other than cash) will be the Fair Market Value, on the date of the Restricted Payment, of the Restricted Investment proposed to be made or the asset(s) or securities proposed to be transferred or issued by the Issuer or any of its Restricted Subsidiaries, as the case may be, pursuant to the Restricted Payment, except that the Fair Market Value of any non-cash dividend paid within 60 days after the date of declaration will be determined as of such date of declaration. The Fair Market Value of any Restricted Investment, assets or securities that are required to be valued by this Section 4.07 will be determined in accordance with the definition of that term. For purposes of determining compliance with this Section 4.07, in the event that a Restricted Payment (or payment or other transaction that, except for being a Permitted Investment or Permitted Payment, would constitute a Restricted Payment) meets the criteria of more than one of the categories of Restricted Payments described in the preceding clauses (1) through (13) of

Section 4.07(b), or is permitted pursuant to Section 4.07(a) or is a Permitted Investment or Permitted Payment, the Issuer will be permitted to classify (or later classify or reclassify in whole or in part in its sole discretion) such Restricted Payment or other such transaction (or portion thereof) on the date made or later reclassify such Restricted Payment or other such transaction (or portion thereof) in any manner that complies with this Section 4.07. “Permitted Payment” means any transaction expressly excluded from clauses (1), (2) and (3) of Section 4.07(a).

For purposes of this Section 4.07 and the definition of “Permitted Investments,” a contribution, sale or incurrence will be deemed to be “substantially concurrent” if the related Restricted Payment or purchase, repurchase, redemption, defeasance, satisfaction and discharge, retirement or other acquisition for value or payment of principal or acquisition of assets or Capital Stock occurs no later than 180 days after such contribution, sale or incurrence.

Section 4.08 *Dividend and Other Payment Restrictions Affecting Restricted Subsidiaries.*

(a) The Issuer will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, create or permit to exist or become effective any consensual encumbrance or restriction on the ability of any Restricted Subsidiary to:

(1) pay dividends or make any other distributions on its Capital Stock to the Issuer or any of its Restricted Subsidiaries, or pay any Indebtedness owed to the Issuer or any of its Restricted Subsidiaries; *provided* that (i) the priority that any series of Preferred Stock of a Restricted Subsidiary has in receiving dividends or liquidating distributions before dividends or liquidating distributions are paid in respect of common stock of such Restricted Subsidiary shall not constitute a restriction on the ability to pay or make dividends or distributions on Capital Stock for purposes of this Section 4.08 and (ii) the subordination of Indebtedness owed to the Issuer or any Restricted Subsidiary to other Indebtedness incurred by any Restricted Subsidiary shall not be deemed a restriction on the ability to pay Indebtedness;

(2) make loans or advances to the Issuer or any of its Restricted Subsidiaries (it being understood that the subordination of loans or advances made to the Issuer or any Restricted Subsidiary to other Indebtedness incurred by the Issuer or any Restricted Subsidiary shall not be deemed a restriction on the ability to make loans or advances); or

(3) sell, lease or transfer any of its properties or assets to the Issuer or any of its Restricted Subsidiaries.

(b) The restrictions in Section 4.08(a) will not apply to encumbrances or restrictions existing under or by reason of:

(1) agreements governing Existing Indebtedness and the Credit Agreement as in effect on the date of this Indenture and any amendments, restatements, modifications, renewals, supplements, refundings, replacements or refinancings of those agreements; *provided* that the amendments, restatements, modifications, renewals, supplements, refundings, replacements or refinancings are not materially more restrictive, taken as a whole, with respect to such dividend and other payment restrictions than those contained in those agreements on the date of this Indenture, as determined in good faith by the Issuer;

(2) this Indenture, the Notes and the Guarantees;

(3) agreements governing other Indebtedness permitted to be incurred under the provisions of Section 4.09 and any amendments, restatements, modifications, renewals, supplements, refundings, replacements or refinancings of those agreements; *provided* that the restrictions therein are not materially more restrictive, taken as a whole, than those contained in this Indenture, the Notes and the Guarantees or the Credit Agreement as in effect on the date of this Indenture, as determined in good faith by the Issuer;

(4) applicable law, rule, regulation, order, approval, license, permit or similar restriction;

(5) any instrument governing Indebtedness or Capital Stock or other agreement of a Person acquired (including by merger or consolidation), or the assets of which are acquired, by the Issuer or any of its Restricted Subsidiaries as in effect at the time of such acquisition (except to the extent such Indebtedness or Capital Stock or other agreement was incurred in connection with or in contemplation of such acquisition), which encumbrance or restriction is not applicable to any Person, or the properties or assets of any Person, other than the Person, or the property or assets of the Person, so acquired; *provided* that, in the case of Indebtedness, such Indebtedness was permitted by the terms of this Indenture to be incurred;

(6) customary non-assignment provisions in Hydrocarbon purchase and sale or exchange agreements or similar operational agreements or in licenses, easements or leases, in each case, entered into in the ordinary course of business;

(7) purchase money obligations for property acquired in the ordinary course of business and Finance Lease Obligations that impose restrictions on the property purchased or leased of the nature described in clause (3) of Section 4.08(a);

(8) any agreement for the sale or other disposition of a Restricted Subsidiary that restricts distributions by that Restricted Subsidiary pending its sale or other disposition;

(9) Permitted Refinancing Indebtedness; *provided* that the restrictions contained in the agreements governing such Permitted Refinancing Indebtedness are not materially more restrictive, taken as a whole, than those contained in the agreements governing the Indebtedness being refinanced, as determined in good faith by the Issuer;

(10) Liens permitted to be incurred under the provisions of Section 4.12 that limit the right of the debtor to dispose of the assets subject to such Liens;

(11) provisions limiting the disposition or distribution of assets or property in joint venture agreements, asset sale agreements, sale-leaseback agreements, stock sale agreements, shareholders' agreements, partnership agreements and other similar agreements (including agreements entered into in connection with a Restricted Investment) entered into with the approval of the Board of Directors of the Issuer or in the ordinary course of business, which limitation is applicable only to the assets or property that is the subject of such agreements;

(12) any agreement or instrument relating to any property or assets acquired after the date of this Indenture, so long as such encumbrance or restriction relates only to the property or assets so acquired and is not and was not created in anticipation of such acquisition;

(13) encumbrances or restrictions on cash, Cash Equivalents or other deposits or net worth requirements imposed by customers or lessors under contracts or leases entered into in the ordinary course of business;

(14) any Preferred Stock issued by a Restricted Subsidiary of the Issuer; *provided* that issuance of such Preferred Stock is permitted pursuant to Section 4.09 and the terms of such Preferred Stock do not expressly restrict the ability of a Restricted Subsidiary of the Issuer to pay dividends or make any other distributions on its Equity Interests (other than requirements to pay dividends or liquidation preferences on such Preferred Stock prior to paying any dividends or making any other distributions on such other Equity Interests);

(15) any encumbrance or restriction contained in the terms of any Indebtedness or any agreement pursuant to which such Indebtedness was incurred if (x) either (a) the encumbrance or restriction applies only in the event of a payment default or a default with respect to a financial covenant in such Indebtedness or agreement or (b) any such encumbrance or restriction will not materially affect the Issuer's ability to make principal or interest payments on the Notes, as determined in good faith by the Issuer and (y) the encumbrance or restriction is not materially more disadvantageous to the Holders than is customary in comparable financings or agreements, as determined in good faith by the Issuer;

(16) Hedging Obligations permitted from time to time under this Indenture;

(17) encumbrances and restrictions contained in contracts entered into in the ordinary course of business, not relating to any Indebtedness, and that do not, taken as a whole, detract from the value of, or from the ability of the Issuer and its Restricted Subsidiaries to realize the value of, property or assets of the Issuer or any Restricted Subsidiary in any manner material to the Issuer or any Restricted Subsidiary, as determined in good faith by the Issuer; *provided* that such encumbrances or restrictions will not materially affect the Issuer's ability to make principal or interest payments on the Notes, as determined in good faith by the Issuer;

(18) customary encumbrances and restrictions contained in agreements of the types described in the definition of “Permitted Business Investments”; or

(19) any Permitted Investment.

In each case set forth above, notwithstanding any stated limitation on the assets or property that may be subject to such encumbrance or restriction, an encumbrance or restriction on a specified asset or property or group or type of assets or property may also apply to all improvements, additions, accessions and contractual rights relating primarily thereto and all proceeds thereof (including dividends, distributions and increases in respect thereof).

Section 4.09 *Incurrence of Indebtedness and Issuance of Preferred Stock.*

(a) The Issuer will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, create, incur, issue, assume, guarantee or otherwise become directly or indirectly liable, contingently or otherwise, with respect to (collectively, “*incur*”) any Indebtedness (including Acquired Debt), and the Issuer will not issue any Disqualified Stock and will not permit any of its Restricted Subsidiaries to issue any Preferred Stock; *provided, however*, that the Issuer may incur Indebtedness (including Acquired Debt) or issue Disqualified Stock, and any Guarantor may incur Indebtedness (including Acquired Debt) or issue Preferred Stock, if the Fixed Charge Coverage Ratio for the Issuer’s most recently ended four full fiscal quarters for which internal financial statements are available immediately preceding the date on which such additional Indebtedness is incurred or such Disqualified Stock or such Preferred Stock is issued, as the case may be, would have been at least 2.0 to 1.0, determined on a pro forma basis (including a pro forma application of the net proceeds therefrom), as if the additional Indebtedness had been incurred or the Disqualified Stock or the Preferred Stock had been issued, as the case may be, at the beginning of such four-quarter period.

(b) Section 4.09(a) will not prohibit the incurrence of any of the following items of Indebtedness or issuances of Disqualified Stock or Preferred Stock, as applicable (collectively, “*Permitted Debt*”):

(1) the incurrence by the Issuer or any Restricted Subsidiary (whether as borrower or guarantor) of Indebtedness and letters of credit under one or more Credit Facilities in an aggregate principal amount at any one time outstanding under this clause (1) (with letters of credit being deemed to have a principal amount equal to the maximum potential liability of the Issuer and its Restricted Subsidiaries thereunder) not to exceed the greatest of (i) \$3.0 billion, (ii) the Borrowing Base and (iii) \$500.0 million plus 30.0% of Adjusted Consolidated Net Tangible Assets determined on the date of such incurrence;

(2) the incurrence by the Issuer and its Restricted Subsidiaries of the Existing Indebtedness;

(3) the incurrence by the Issuer and the Guarantors of Indebtedness represented by (a) the Notes to be issued on the date of this Indenture, (b) the Exchange Notes issued pursuant to any Registration Rights Agreement; and (c) any Guarantees.

(4) the incurrence by the Issuer or any of its Restricted Subsidiaries of Indebtedness represented by Finance Lease Obligations, mortgage financings or purchase money obligations or other Indebtedness, in each case, incurred for the purpose of financing all or any part of the purchase price or other acquisition cost or cost of design, construction, installation, development, repair or improvement of property, plant or equipment used in the business of the Issuer or any of its Restricted Subsidiaries (together with improvements, additions, accessions and contractual rights relating primarily thereto), and any Permitted Refinancing Indebtedness incurred to renew, refund, refinance, replace, defease or discharge any Indebtedness incurred pursuant to this clause (4), in an aggregate principal amount, when taken together with the outstanding amount of all other Indebtedness or Permitted Refinancing Indebtedness incurred pursuant to this clause (4), not to exceed the greater of (a) \$350.0 million and (b) 5.0% of Adjusted Consolidated Net Tangible Assets determined at the date of such incurrence;

(5) the incurrence by the Issuer or any of its Restricted Subsidiaries of Permitted Refinancing Indebtedness in exchange for, or the net proceeds of which are used to renew, refund, refinance, replace, defease or discharge any Indebtedness (other than intercompany Indebtedness) or Disqualified Stock or Preferred Stock that was permitted by this Indenture to be incurred under Section 4.09(a) or clause (2), (3), (5) or (15) of this Section 4.09(b);

(6) the incurrence by the Issuer or any of its Restricted Subsidiaries of intercompany Indebtedness between or among the Issuer and any of its Restricted Subsidiaries; *provided, however*, that:

(A) if the Issuer or any Guarantor is the obligor on such Indebtedness and the payee is not the Issuer or a Guarantor, such Indebtedness must be unsecured and expressly subordinated to the prior payment in full in cash of all Obligations then due with respect to the Notes, in the case of the Issuer, or the Guarantee, in the case of a Guarantor; and

(B) (i) any subsequent issuance or transfer of Equity Interests that results in any such Indebtedness being held by a Person other than the Issuer or a Restricted Subsidiary of the Issuer and (ii) any sale or other transfer of any such Indebtedness to a Person that is not either the Issuer or a Restricted Subsidiary of the Issuer,

will be deemed, in each case, to constitute an incurrence of such Indebtedness by the Issuer or such Restricted Subsidiary, as the case may be, that was not permitted by this clause (6);

(7) the issuance by any of the Issuer's Restricted Subsidiaries to the Issuer or to any of its Restricted Subsidiaries of any Preferred Stock; *provided, however*, that:

(A) any subsequent issuance or transfer of Equity Interests that results in any such Preferred Stock being held by a Person other than the Issuer or a Restricted Subsidiary of the Issuer; and

(B) any sale or other transfer of any such Preferred Stock to a Person that is not either the Issuer or a Restricted Subsidiary of the Issuer,

will be deemed, in each case, to constitute an issuance of such Preferred Stock by such Restricted Subsidiary that was not permitted by this clause (7);

(8) the incurrence by the Issuer or any of its Restricted Subsidiaries of Hedging Obligations;

(9) the guarantee by the Issuer or any of the Guarantors of Indebtedness of the Issuer or a Restricted Subsidiary of the Issuer to the extent that the guaranteed Indebtedness was permitted to be incurred by another provision of this Section 4.09; *provided* that if the Indebtedness being guaranteed is subordinated to or *pari passu* with the Notes, then the guarantee must be subordinated or *pari passu*, as applicable, to the same extent as the Indebtedness guaranteed, and if the guarantee is by a Restricted Subsidiary that is not a Guarantor, the Indebtedness guaranteed could have otherwise been incurred by such Restricted Subsidiary under this Section 4.09;

(10) the incurrence by the Issuer or any of its Restricted Subsidiaries of Indebtedness in respect of self-insurance obligations or bid, plugging and abandonment, appeal, reimbursement, performance, surety and similar bonds and completion guarantees issued or provided by, or for the account of, the Issuer or a Restricted Subsidiary in the ordinary course of business and any guarantee or obligations with respect to letters of credit functioning as or supporting any of the foregoing bonds or obligations and workers' compensation claims in the ordinary course of business;

(11) the incurrence by the Issuer or any of its Restricted Subsidiaries of Indebtedness arising from the honoring by a bank or other financial institution of a check, draft or similar instrument inadvertently drawn against insufficient funds, so long as such Indebtedness is covered within five Business Days;

(12) the incurrence by the Issuer or any of its Restricted Subsidiaries of in-kind obligations relating to net oil or natural gas balancing positions arising in the ordinary course of business;

(13) the incurrence of any obligation arising from agreements of the Issuer or any Restricted Subsidiary of the Issuer providing for indemnification, guarantees (other than guarantees of Indebtedness), adjustment of purchase price, holdbacks, earn outs or similar obligations, in each case, incurred or assumed in connection with the disposition or acquisition of any business, assets or Capital Stock of a Restricted Subsidiary in a transaction permitted by this Indenture, provided such obligation is not reflected on the face of the balance sheet of the Issuer or any Restricted Subsidiary;

(14) the pledge of (or a Guaranty limited in recourse solely to) Equity Interests in an Unrestricted Subsidiary or Joint Venture held by the Issuer or a Restricted Subsidiary to secure Indebtedness of such Unrestricted Subsidiary or Joint Venture and solely to the extent such Indebtedness constitutes Non-Recourse Debt;

(15) the incurrence by the Issuer or its Restricted Subsidiaries of Permitted Acquisition Indebtedness;

(16) the incurrence by the Issuer or its Restricted Subsidiaries of Indebtedness consisting of the financing of insurance premiums in customary amounts consistent with the operations and business of the Issuer and the Restricted Subsidiaries; and

(17) the incurrence by the Issuer or any Restricted Subsidiary of additional Indebtedness or the issuance by the Issuer of any Disqualified Stock or by any Restricted Subsidiary of Preferred Stock in an aggregate principal amount, when taken together with the outstanding amount of all other Indebtedness incurred or Disqualified Stock or Preferred Stock issued pursuant to this clause (17), not to exceed the greater of (i) \$350.0 million and (ii) 5.0% of Adjusted Consolidated Net Tangible Assets determined on the date of such incurrence or issuance.

Indebtedness permitted by this Section 4.09 need not be permitted solely by reference to one provision permitting such Indebtedness or Disqualified Stock or Preferred Stock but may be permitted in part by one such provision and in part by one or more other provisions of this Section 4.09. For purposes of determining compliance with this Section 4.09, in the event that an item of Indebtedness or Disqualified Stock or Preferred Stock meets the criteria of more than one of the categories of Permitted Debt described in clauses (1) through (17) of this Section 4.09(b), or is entitled to be incurred pursuant to Section 4.09(a), the Issuer will be permitted to divide, classify and reclassify such item of Indebtedness or Disqualified Stock or Preferred Stock on the date of its incurrence or issuance, or later redivide or reclassify all or a portion of such item of Indebtedness or Disqualified Stock or Preferred Stock, in any manner (including by dividing and classifying such item of Indebtedness or Disqualified Stock or Preferred Stock in more than one type of Indebtedness or Disqualified Stock or Preferred Stock permitted under this Section 4.09) that complies with this Section 4.09; *provided* that Indebtedness outstanding under Credit Facilities on the date of this Indenture shall be considered incurred under clause (1) of this Section 4.09(b) and may not be reclassified.

The dollar equivalent principal amount of any Indebtedness denominated in a foreign currency and incurred pursuant to any dollar-denominated restriction on the incurrence of Indebtedness shall be calculated based on the relevant exchange rates in effect at the time of incurrence, in the case of term Indebtedness, or first committed, in the case of revolving credit Indebtedness; *provided* that if such Indebtedness is incurred to refinance other Indebtedness denominated in a foreign currency, and such refinancing would cause the applicable U.S. dollar-denominated restriction to be exceeded if calculated at the relevant currency exchange rate in effect on the date of such refinancing, such U.S. dollar-denominated restriction shall be deemed not to have been exceeded so long as the principal amount of such refinancing Indebtedness does not exceed the principal amount of such Indebtedness being refinanced.

Notwithstanding any other provision of this Section 4.09, the maximum amount of Indebtedness that the Issuer and the Restricted Subsidiaries may incur pursuant to this Section 4.09 shall not be deemed to be exceeded solely as a result of fluctuations in the exchange rates of currencies. The principal amount of any Indebtedness incurred to refinance other Indebtedness, if incurred in a different currency from the Indebtedness being refinanced, shall be calculated based on the currency exchange rate applicable to the currencies in which such Permitted Refinancing Indebtedness is denominated that is in effect on the date of such refinancing.

The accrual of interest or Preferred Stock dividends, the accretion or amortization of original issue discount, the payment of interest on any Indebtedness or on the Notes in the form of additional Indebtedness with the same term and the payment of dividends on Preferred Stock or Disqualified Stock in the form of additional securities of the same class of Preferred Stock or Disqualified Stock will not be deemed to be an incurrence of Indebtedness or an issuance of Preferred Stock or Disqualified Stock for purposes of this Section 4.09; *provided* that the amount thereof is included in Fixed Charges of the Issuer as accrued to the extent required by the definition of such term. For purposes of this Section 4.09, (i) the accrual of an obligation to pay a premium in respect of Indebtedness or Disqualified Stock or Preferred Stock arising in connection with the issuance of a notice of redemption or making of a mandatory offer to purchase such Indebtedness or Disqualified Stock or Preferred Stock, and (ii) unrealized losses or charges in respect of Hedging Agreements (including those resulting from the application of FASB ASC Topic No. 815, *Derivatives and Hedging*) will, in the case of (i) or (ii), not be deemed to be an incurrence of Indebtedness or Disqualified Stock or Preferred Stock. Further, the accounting reclassification of any obligation or Disqualified Stock or Preferred Stock of the Issuer or any of its Restricted Subsidiaries as Indebtedness or Disqualified Stock or Preferred Stock will not be deemed an incurrence of Indebtedness or issuance of Disqualified Stock or Preferred Stock for purposes of this Section 4.09.

The “amount” or “principal amount” of any Indebtedness or Preferred Stock or Disqualified Stock outstanding at any time of determination as used herein shall be as set forth below or, if not set forth below, determined in accordance with GAAP:

- (A) the accreted value of the Indebtedness, in the case of any Indebtedness issued with original issue discount;
- (B) the principal amount of the Indebtedness, in the case of any other Indebtedness;
- (C) in respect of Indebtedness of another Person secured by a Lien on the assets of the specified Person, the lesser of:
 - (i) the Fair Market Value of such assets at the date of determination; and
 - (ii) the amount of the Indebtedness of the other Person;
- (D) in the case of any Finance Lease Obligation, the amount determined in accordance with the definition thereof;
- (E) in the case of any Preferred Stock, (x) if other than Disqualified Stock, the greater of its voluntary or involuntary liquidation preference and its maximum fixed redemption price or repurchase price or (y) if Disqualified Stock, as specified in the definition thereof;

- (F) in the case of any Interest Rate Agreements included in Section 4.09(b), zero;
- (G) in the case of all other unconditional obligations, the amount of the liability thereof determined in accordance with GAAP; and
- (H) in the case of all other contingent obligations, the maximum liability at such date of such Person.

For purposes of determining any particular amount of Indebtedness, (i) guarantees of, or obligations in respect of letters of credit relating to, Indebtedness otherwise included in the determination of such amount shall not also be included and (ii) if obligations in respect of letters of credit are incurred pursuant to a Credit Facility and are being treated as incurred pursuant to clause (1) of Section 4.09(b) and the letters of credit relate to other Indebtedness, then the amount of such other Indebtedness equal to the face amount of such letters of credit shall not be included. If Indebtedness is secured by a letter of credit that serves only to secure such Indebtedness, then the total amount deemed incurred shall be equal to the greater of (x) the principal of such Indebtedness and (y) the amount that may be drawn under such letter of credit.

Section 4.10 *Asset Sales*.

The Issuer will not, and will not permit any of its Restricted Subsidiaries to, consummate an Asset Sale unless:

- (a) the Issuer (or a Restricted Subsidiary, as the case may be) receives consideration at the time of the Asset Sale at least equal to the Fair Market Value (measured within 15 days of the definitive agreement with respect to such Asset Sale) of the assets or Equity Interests issued or sold or otherwise disposed of; and
- (b) at least 75% of the aggregate consideration received in the Asset Sale by the Issuer or a Restricted Subsidiary and all other Asset Sales since the date of this Indenture is in the form of cash or Cash Equivalents.

For purposes of this provision, each of the following will be deemed to be cash:

- (1) any liabilities, as shown on the Issuer's most recent consolidated balance sheet, of the Issuer or any Restricted Subsidiary (other than contingent liabilities and liabilities that are by their terms subordinated to the Notes or any Guarantee) that are assumed by the transferee of any such assets pursuant to a novation or indemnity agreement that releases the Issuer or such Restricted Subsidiary from or indemnifies against further liability (or in lieu of such absence of liability, the acquiring Person or its parent company agrees to indemnify and hold the Issuer or such Restricted Subsidiary harmless from and against any loss, liability or cost in respect of such assumed liabilities);
- (2) with respect to any Asset Sale of oil and gas properties by the Issuer or any of its Restricted Subsidiaries where the Issuer or such Restricted Subsidiary retains an interest in such property, the costs and expenses of the Issuer or such Restricted Subsidiary related to the exploration, development, completion or production of such properties and activities related thereto that the transferee (or an Affiliate thereof) agrees to pay;

(3) any securities, Notes or other obligations received by the Issuer or any Restricted Subsidiary from such transferee that are, within 180 days of the Asset Sale, converted by the Issuer or such Restricted Subsidiary into cash, to the extent of the cash received in that conversion;

(4) Additional Assets; and

(5) any Designated Non-cash Consideration received by the Issuer or such Restricted Subsidiary in such Asset Sale having an aggregate Fair Market Value, taken together with all other Designated Non-cash Consideration received pursuant to this clause (5), not to exceed an amount equal to 5.0% of the Issuer's Adjusted Consolidated Net Tangible Assets (determined at the time of receipt of such Designated Non-cash Consideration), with the Fair Market Value of each item of Designated Non-cash Consideration being measured at the time received and without giving effect to subsequent changes in value.

(c) Within 360 days after the receipt of any Net Proceeds from an Asset Sale, the Issuer (or any Restricted Subsidiary) may apply such Net Proceeds at its option to any combination of the following:

(1) to repay, redeem or repurchase any Senior Debt;

(2) to invest in or acquire Additional Assets; or

(3) to make capital expenditures in respect of the Issuer's or any Restricted Subsidiaries' Oil and Gas Business.

(d) The requirement of clause (2) or (3) of Section 4.10(c) shall be deemed to be satisfied if a bona fide binding contract committing to make the investment, acquisition or expenditure referred to therein is entered into by the Issuer (or any Restricted Subsidiary) with a Person other than a Restricted Subsidiary within the time period specified in Section 4.10(c) and such Net Proceeds are subsequently applied in accordance with such contract within six months following the date such agreement is entered into.

(e) Pending the final application of any Net Proceeds, the Issuer (or any Restricted Subsidiary) may temporarily reduce Indebtedness under any Credit Facility or otherwise expend or invest the Net Proceeds in any manner that is not prohibited by this Indenture.

(f) Any Net Proceeds from Asset Sales that are not applied or invested as provided in Section 4.10(c) will constitute "*Excess Proceeds*." When the aggregate amount of Excess Proceeds exceeds \$50.0 million, within five days thereof, the Issuer will make an offer (an "*Asset Sale Offer*") to all Holders of Notes and all holders of other Indebtedness that is *pari passu* with the Notes containing provisions similar to those set forth in this Indenture with respect to offers to purchase, prepay or redeem with the proceeds of sales of assets to purchase, prepay or redeem, on a *pro rata* basis (based on principal amounts of Notes and *pari passu* Indebtedness (or,

in the case of *pari passu* Indebtedness issued with significant original issue discount, based on the accreted value thereof) tendered), the maximum principal amount of Notes and such other *pari passu* Indebtedness (plus all accrued interest on the Indebtedness and the amount of all fees and expenses, including premiums, incurred in connection therewith) that may be purchased, prepaid or redeemed out of the Excess Proceeds. The offer price in any Asset Sale Offer will be equal to 100% of the principal amount, plus accrued and unpaid interest, to the date of purchase, prepayment or redemption, subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date, and will be payable in cash. If any Excess Proceeds remain after consummation of an Asset Sale Offer, the Issuer or any Restricted Subsidiary may use those Excess Proceeds for any purpose not otherwise prohibited by this Indenture. If the aggregate principal amount of Notes tendered in such Asset Sale Offer exceeds the amount of Excess Proceeds allocated to the purchase of Notes, the Trustee will select the Notes to be purchased on a *pro rata* basis (except that any Notes represented by a note in global form will be selected by such method as DTC or its nominee or successor may require or, where such nominee or successor is the Trustee, a method that most nearly approximates *pro rata* selection as the Trustee deems fair and appropriate), based on the principal amounts tendered (with such adjustments as may be deemed appropriate by the Issuer so that only Notes in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof). Upon completion of each Asset Sale Offer, the amount of Excess Proceeds will be reset at zero. The Issuer may satisfy the foregoing obligation with respect to any Excess Proceeds by making an Asset Sale Offer prior to the expiration of the relevant 360 day period or with respect to Excess Proceeds of \$50.0 million or less.

(g) The Issuer will comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations thereunder to the extent those laws and regulations are applicable in connection with each repurchase of Notes pursuant to an Asset Sale Offer. To the extent that the provisions of any securities laws or regulations conflict with Section 3.09 or this Section 4.10, the Issuer will comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under Section 3.09 or this Section 4.10 by virtue of such compliance.

Section 4.11 *Transactions with Affiliates.*

(a) The Issuer will not, and will not permit any of its Restricted Subsidiaries to, make any payment to, or sell, lease, transfer or otherwise dispose of any of its properties or assets to, or purchase any property or assets from, or enter into or make or amend any transaction, contract, agreement, understanding, loan, advance or guarantee with, or for the benefit of, any Affiliate of the Issuer (each, an "*Affiliate Transaction*") involving aggregate consideration to or from the Issuer or a Restricted Subsidiary in excess of \$10.0 million, unless:

(1) the *Affiliate Transaction* is on terms that are no less favorable to the Issuer or the relevant Restricted Subsidiary than those that could have been obtained in a comparable transaction by the Issuer or such Restricted Subsidiary with an unrelated Person or, if, as determined in good faith by the Issuer, no comparable transaction is available with which to compare such *Affiliate Transaction*, such *Affiliate Transaction* is otherwise fair to the Issuer or the relevant Restricted Subsidiary from a financial point of view; and

(2) the Issuer delivers to the Trustee, with respect to any Affiliate Transaction or series of related Affiliate Transactions involving aggregate consideration in excess of \$50.0 million, an Officers' Certificate certifying that such Affiliate Transaction or series of related Affiliate Transactions complies with this Section 4.11 and that such Affiliate Transaction or series of related Affiliate Transactions has been approved by a majority of the members of the Board of Directors of the Issuer and by a majority of the disinterested members of the Board of Directors of the Issuer, if any.

(b) The following items will not be deemed to be Affiliate Transactions and, therefore, will not be subject to the provisions of Section 4.11(a):

(1) any employment agreement, employee benefit plan, officer or director indemnification agreement or any similar arrangement entered into by the Issuer or any of its Restricted Subsidiaries in the ordinary course of business and payments pursuant thereto;

(2) transactions between or among the Issuer and/or its Restricted Subsidiaries;

(3) transactions with a Person (other than an Unrestricted Subsidiary of the Issuer) that is an Affiliate of the Issuer solely because the Issuer owns, directly or through a Restricted Subsidiary, an Equity Interest in, or controls, such Person;

(4) payment of reasonable and customary fees and reimbursement of expenses (pursuant to indemnity agreements or otherwise) of, or provision of directors' and officers' liability insurance, compensation, indemnification and other benefits to, officers, directors, employees or consultants of the Issuer or any of its Subsidiaries;

(5) any issuance of Equity Interests (other than Disqualified Stock) of the Issuer to Affiliates of the Issuer;

(6) any Restricted Payments or Permitted Investments or Permitted Payments that are permitted by Section 4.07;

(7) transactions between the Issuer or any of its Restricted Subsidiaries and any Person that would not otherwise constitute an Affiliate Transaction except for the fact that one director of such other Person is also a director of the Issuer or such Restricted Subsidiary, as applicable; *provided* that such director abstains from voting as a director of the Issuer or such Restricted Subsidiary, as applicable, on any matter involving such other Person;

(8) any transaction in which the Issuer or any of its Restricted Subsidiaries, as the case may be, delivers to the Trustee a letter from an accounting, appraisal, advisory or investment banking firm of national standing stating that such transaction is fair to the Issuer or such Restricted Subsidiary from a financial point of view or that such transaction meets the requirements of Section 4.11(a)(1);

(9) (a) guarantees by the Issuer or any of its Restricted Subsidiaries of performance of obligations of the Issuer's Unrestricted Subsidiaries in the ordinary course of business, except for guarantees of Indebtedness in respect of borrowed money, and (b) pledges by the Issuer or any Restricted Subsidiary of the Issuer of (or any guarantee by the Issuer or any Restricted Subsidiary limited in recourse solely to) Equity Interests in Unrestricted Subsidiaries for the benefit of lenders or other creditors of the Issuer's Unrestricted Subsidiaries;

(10) transactions with Unrestricted Subsidiaries, customers, clients, suppliers or purchasers or sellers of goods or services, or lessors or lessees of property, in each case in the ordinary course of business and otherwise in compliance with the terms of this Indenture which are, in the aggregate (taking into account all the costs and benefits associated with such transactions), not materially less favorable to the Issuer and its Restricted Subsidiaries than those that would have been obtained in a comparable transaction by the Issuer or such Restricted Subsidiary with an unrelated person or are on terms at least as favorable as might reasonably have been obtained at such time from an unaffiliated party, in each case, as determined in good faith by the Issuer;

(11) transactions (other than purchases or sales of assets) effected in accordance with the terms of (a) any agreements with Affiliates of the Issuer pursuant to agreements in effect on the date of this Indenture, (b) any amendment or replacement of any of such agreements or (c) any agreement entered into hereafter that is similar to any such agreements, so long as, in the case of clause (b) or (c), the terms of any such amendment or replacement agreement or future agreement, taken as a whole, are no less advantageous to the Issuer or no less favorable to the Holders in any material respect than the agreement so amended or replaced or the similar such agreement, respectively, as determined in good faith by the Issuer;

(12) in the case of contracts for exploring for, producing, marketing, storing or otherwise handling Hydrocarbons, or activities or services reasonably related or ancillary thereto, or other operational contracts, any such contracts entered into in the ordinary course of business and otherwise in compliance with the terms of this Indenture which are fair to the Issuer and its Restricted Subsidiaries, or are on terms at least as favorable as might reasonably have been obtained at such time from an unaffiliated party, in each case, as determined in good faith by the Issuer; and

(13) loans or advances to employees in the ordinary course of business not to exceed \$2.0 million in the aggregate at any one time outstanding.

Section 4.12 *Liens*.

The Issuer will not and will not permit any of its Restricted Subsidiaries to, directly or indirectly, create, incur, assume or otherwise cause or suffer to exist or become effective any Lien of any kind (other than Permitted Liens) securing Indebtedness upon any of their property or assets, now owned or hereafter acquired, unless the Notes or any Guarantee of such Restricted Subsidiary, as applicable, are secured on an equal and ratable basis with the Indebtedness so secured (or, in the case of Indebtedness subordinated to the Notes or any Guarantee, prior or senior thereto, with

the same relative priority as the Notes or Guarantee shall have with respect to such subordinated Indebtedness) until such time as such Indebtedness is no longer secured by a Lien. Any Lien created for the benefit of the Holders of the Notes pursuant to the preceding sentence shall provide by its terms that such Lien shall be automatically and unconditionally released and discharged upon the release and discharge of the initial Lien; *provided* no Event of Default has occurred and is continuing at the time of such release and discharge. In the event of the termination of Section 4.09 of this Indenture pursuant to Section 4.18, all calculations under Section 4.12 (including with respect to the definition of Permitted Liens) of this Indenture shall be made as if Section 4.09 had not been terminated.

Section 4.13 *[Reserved]*.

Section 4.14 *Organizational Existence*.

Subject to Article 5, the Issuer shall do or cause to be done all things necessary to preserve and keep in full force and effect the existence, the rights (charter and statutory), licenses and franchises of the Issuer; *provided, however*, that the Issuer shall not be required to preserve any such right, license or franchise if the Issuer shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Issuer.

Section 4.15 *Offer to Repurchase Upon Change of Control*.

(a) If a Change of Control Triggering Event occurs, each Holder of Notes will have the right to require the Issuer to repurchase all or any part (equal to \$2,000 or an integral multiple of \$1,000 in excess thereof) of that Holder's Notes pursuant to a cash tender offer ("*Change of Control Offer*") on the terms set forth in this Section 4.15. In the Change of Control Offer, the Issuer will offer a payment in cash ("*Change of Control Payment*") equal to 101% of the aggregate principal amount of Notes repurchased, plus accrued and unpaid interest on the Notes repurchased to the date of purchase (the "*Change of Control Purchase Date*"), subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date.

Within 30 days following any Change of Control Triggering Event, the Issuer will send a notice to each Holder describing the transaction or transactions that constitute the Change of Control and offering to repurchase Notes properly tendered prior to the expiration date specified in the notice, which date will be no earlier than 30 days and no later than 60 days from the date such notice is sent, pursuant to the procedures required by this Section 4.15 and described in such notice. The Issuer will comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations thereunder to the extent those laws and regulations are applicable in connection with the repurchase of the Notes as a result of a Change of Control Triggering Event. To the extent that the provisions of any securities laws or regulations conflict with this Section 4.15, the Issuer will comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under this Section 4.15 by virtue of such compliance.

(b) Promptly following the expiration of the Change of Control Offer, the Issuer will, to the extent lawful, accept for payment all Notes or portions of Notes properly tendered pursuant to the Change of Control Offer. Promptly after such acceptance, the Issuer will, on the Change of Control Purchase Date:

(1) deposit with the Paying Agent an amount equal to the Change of Control Payment in respect of all Notes or portions of Notes properly tendered; and

(2) deliver or cause to be delivered to the Trustee the Notes properly accepted together with an Officers' Certificate stating the aggregate principal amount of Notes or portions of Notes being purchased by the Issuer.

Notes to be purchased shall, on the Change of Control Purchase Date, become due and payable at the Change of Control Payment, and from and after such date (unless the Issuer shall default in depositing the Change of Control Payment) such Notes shall cease to accrue interest. The Paying Agent will promptly mail to each Holder of Notes properly tendered the Change of Control Payment for such Notes (or, if such Notes are then in global form, it will make such payment thereon through the facilities of DTC), and the Issuer will promptly issue a new Note, and the Trustee, upon written request from the Issuer, will promptly authenticate and mail or deliver (or cause to be transferred by book entry) to each Holder such new Note in the principal amount equal to any unpurchased portion of the Notes surrendered by such Holder, if any. The Issuer will publicly announce the results of the Change of Control Offer on or as soon as practicable after the Change of Control Purchase Date.

(c) The provisions described above that require the Issuer to make a Change of Control Offer following a Change of Control Triggering Event will be applicable whether or not any other provisions of this Indenture are applicable.

(d) Notwithstanding anything to the contrary in this Section 4.15, the Issuer will not be required to make a Change of Control Offer upon a Change of Control Triggering Event if (1) a third party makes the Change of Control Offer in the manner, at the time and otherwise in compliance with the requirements set forth in this Section 4.15 applicable to a Change of Control Offer made by the Issuer and purchases all Notes properly tendered and not withdrawn under the Change of Control Offer, (2) notice of redemption of all outstanding Notes has been given pursuant to Section 3.03, unless and until there is a default in payment of the applicable redemption price or (3) in connection with or in contemplation of any Change of Control, the Issuer has made an offer to purchase (an "Alternate Offer") any and all Notes validly tendered at a cash price equal to or higher than the Change of Control Payment and has purchased all Notes properly tendered in accordance with the terms of such Alternate Offer.

(e) Notwithstanding anything to the contrary contained in this Indenture, a Change of Control Offer may be made in advance of a Change of Control, or conditioned upon the consummation of such Change of Control, if a definitive agreement is in place for the Change of Control at the time the Change of Control Offer is made.

(f) In the event that upon consummation of a Change of Control Offer or Alternate Offer less than 10% of the aggregate principal amount of the Notes (including, without limitation, Additional Notes, if any) that were originally issued are held by Holders other than the Issuer or Affiliates thereof, the Issuer will have the right, upon not less than 15 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 that remain outstanding following such purchase at a redemption price equal to the Change of Control Payment plus, to the extent not included in the Change of Control Payment, accrued and unpaid interest on the Notes that remain outstanding, to the date of redemption, subject to the rights of Holders of Notes on the relevant record date to receive interest on the relevant Interest Payment Date.

Section 4.16 Additional Guarantees.

If, after the date of this Indenture, any Restricted Subsidiary of the Issuer that is not already a Guarantor guarantees or otherwise becomes an obligor with respect to any other Indebtedness of the Issuer or any Guarantor in excess of the De Minimis Guaranteed Amount, then such Restricted Subsidiary will become a Guarantor by executing a supplemental indenture and delivering it to the Trustee within 20 Business Days of the date on which it guaranteed or became an obligor with respect to such Indebtedness; *provided, however*, that the preceding shall not apply to Subsidiaries of the Issuer that have properly been designated as Unrestricted Subsidiaries in accordance with this Indenture for so long as they continue to constitute Unrestricted Subsidiaries. Notwithstanding the preceding, any Guarantee of a Restricted Subsidiary that was incurred pursuant to this paragraph shall be subject to all limitations and provisions described in Article 10, including provisions for the release of such Guarantee.

Section 4.17 Designation of Restricted and Unrestricted Subsidiaries.

The Issuer may designate any Restricted Subsidiary to be an Unrestricted Subsidiary if that designation would not cause a Default. If a Restricted Subsidiary is designated as an Unrestricted Subsidiary, the aggregate Fair Market Value of all outstanding Investments owned by the Issuer and its Restricted Subsidiaries in the Subsidiary designated as an Unrestricted Subsidiary will be deemed to either be an Investment made as a "Restricted Payment" as of the time of the designation that will reduce the amount available for Restricted Payments under Section 4.07(a) or represent a Permitted Investment under one or more clauses of the definition of Permitted Investments, as determined in good faith by the Issuer. That designation will only be permitted if the Investment would be permitted at that time and if the Subsidiary so designated otherwise meets the definition of an Unrestricted Subsidiary.

Any designation of a Subsidiary of the Issuer as an Unrestricted Subsidiary will be evidenced to the Trustee by filing with the Trustee an Officers' Certificate certifying that such designation complied with the preceding conditions and was permitted by Section 4.07. If, at any time, any Unrestricted Subsidiary would fail to meet the preceding requirements as an Unrestricted Subsidiary, it will thereafter cease to be an Unrestricted Subsidiary for purposes of this Indenture and any Indebtedness of such Subsidiary will be deemed to be incurred by a Restricted Subsidiary of the Issuer as of such date and, if such Indebtedness is not permitted to be incurred as of such date under Section 4.09, the Issuer will be in default of Section 4.09.

The Issuer may at any time designate any Unrestricted Subsidiary to be a Restricted Subsidiary of the Issuer; *provided* that such designation will be deemed to be an incurrence of Indebtedness by a Restricted Subsidiary of the Issuer of any outstanding Indebtedness of such Unrestricted Subsidiary, and such designation will only be permitted if (1) such Indebtedness is permitted under Section 4.09, with the Fixed Charge Coverage Ratio calculated on a pro forma basis as if such designation had occurred at the beginning of the applicable reference period; and (2) no Default or Event of Default would be in existence following such designation.

Section 4.18 *Covenant Termination.*

Notwithstanding any provision of this Indenture or of the Notes to the contrary, if at any time following the date of this Indenture (a) the Notes are rated Baa3 or better by Moody's or BBB- or better by S&P (or, if either such entity ceases to rate the Notes for reasons outside of the control of the Issuer, the equivalent investment grade credit rating from any other "nationally recognized statistical rating organization" within the meaning of Section 3(a)(62) of the Exchange Act selected by the Issuer as a replacement agency), (b) no Default or Event of Default shall have occurred and be continuing under this Indenture and (c) the Issuer has delivered to the Trustee an Officers' Certificate certifying to such events, Sections 3.09, 4.07, 4.08, 4.09, 4.10, 4.11 and 4.17 and Section 5.01(a)(4) of this Indenture will thereafter terminate and no Default or Event of Default shall result from any failure to comply with any of the provisions of such Sections.

ARTICLE 5
SUCCESSORS

Section 5.01 *Merger, Consolidation or Sale of Assets.*

(a) The Issuer shall not, directly or indirectly: (1) consolidate or merge with or into another Person (whether or not the Issuer is the survivor), or (2) sell, assign, transfer, convey, lease or otherwise dispose of all or substantially all of its properties or assets, in one or more related transactions, to another Person, unless:

(1) either: (a) the Issuer is the surviving Person; or (b) the Person formed by or surviving any such consolidation or merger (if other than the Issuer) or to which such sale, assignment, transfer, conveyance, lease or other disposition has been made is a Person organized or existing under the laws of the United States, any state of the United States or the District of Columbia; *provided, however*, that at any time such surviving Person is a limited liability company or limited partnership, there shall be a co-issuer of the Notes that is a corporation organized or existing under the laws of the United States, any state of the United States or the District of Columbia;

(2) the Person formed by or surviving any such consolidation or merger (if other than the Issuer) or the Person to which such sale, assignment, transfer, conveyance, lease or other disposition has been made assumes all the obligations of the Issuer under the Notes and this Indenture pursuant to a supplemental indenture or other agreement in a form reasonably satisfactory to the Trustee;

(3) immediately after such transaction, no Default or Event of Default exists;

(4) immediately after giving effect to such transaction and any related financing transaction on a pro forma basis as if the same had occurred at the beginning of the applicable four-quarter period, either

(A) the Issuer or the Person formed by or surviving any such consolidation or merger (if other than the Issuer), or to which such sale, assignment, transfer, conveyance, lease or other disposition has been made, would be permitted to incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in Section 4.09(a); or

(B) the Fixed Charge Coverage Ratio of the Issuer or the Person formed by or surviving any such consolidation or merger (if other than the Issuer), or to which such sale, assignment, transfer, conveyance, lease or other disposition has been made, is equal to or greater than the Fixed Charge Coverage Ratio of the Issuer immediately prior to such transaction; and

(5) the Issuer has delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that such consolidation, merger or disposition and such supplemental indenture, if any, comply with this Indenture.

(b) Notwithstanding the restrictions described in Sections 5.01(a)(3), 5.01(a)(4) or 5.01(a)(5), (i) any Restricted Subsidiary of the Issuer may consolidate with or merge into the Issuer and (ii) the Issuer may consolidate with or merge into or dispose all or substantially all of its properties or assets to any Guarantor; and the Issuer, in the case of (i) or (ii), will not be required to comply with Sections 5.01(a)(3), 5.01(a)(4) or 5.01(a)(5) in connection with any such consolidation, merger or disposition.

(c) Notwithstanding Section 5.01(a), the Issuer may reorganize as any other form of entity in accordance with the following procedures *provided that*:

(1) the reorganization involves the conversion (by merger, sale, contribution or exchange of assets or otherwise) of the Issuer into a form of entity other than a corporation formed under Delaware law;

(2) the entity so formed by or resulting from such reorganization is an entity organized or existing under the laws of the United States, any state thereof or the District of Columbia;

(3) the entity so formed by or resulting from such reorganization assumes all the obligations of the Issuer under the Notes and this Indenture pursuant to a supplemental indenture or other agreement in a form reasonably satisfactory to the Trustee;

(4) immediately after such reorganization no Default (other than a Reporting Default) or Event of Default exists; and

(5) such reorganization is not materially adverse to the Holders or Beneficial Owners of the Notes (for purposes of this clause (5) a reorganization will not be considered materially adverse to the Holders or Beneficial Owners of the Notes solely because the successor or survivor of such reorganization (a) is subject to federal or state income taxation as an entity or (b) is considered to be an "includible corporation" of an affiliated group of corporations within the meaning of Section 1504(b) of the Code or any similar state or local law).

(d) For purposes of this Section 5.01, the transfer (by lease, assignment, sale or otherwise, in a single transaction or series of transactions) of all or substantially all of the properties or assets of one or more Restricted Subsidiaries of the Issuer, the Capital Stock of which constitutes all or substantially all of the properties or assets of the Issuer, shall be deemed to be the transfer of all or substantially all of the properties or assets of the Issuer.

Section 5.02 *Successor Issuer Substituted.*

Upon any consolidation or merger, or any sale, assignment, transfer, conveyance, lease or other disposition of all or substantially all of the properties or assets of the Issuer in a transaction that is subject to, and that complies with the provisions of, Section 5.01 in which the Issuer is not the surviving or successor Person, the successor Person formed by such consolidation or into or with which the Issuer is merged or to which such sale, assignment, transfer, conveyance, lease or other disposition is made shall succeed to, and be substituted for, and may exercise every right and power of the Issuer under this Indenture with the same effect as if such successor Person had been named as the predecessor Issuer herein and shall be substituted for the Issuer (so that from and after the date of such consolidation, merger, sale, assignment, transfer, lease, conveyance or other disposition, the provisions of this Indenture referring to the "Issuer" shall refer instead to the successor Person and not to the predecessor Issuer) and such predecessor Issuer shall be discharged and released from all of its obligations and covenants under this Indenture and the Notes and the Trustee shall enter into a supplemental indenture to evidence the succession and substitution of such successor and such discharge and release of such predecessor Issuer; *provided, however*, that the predecessor Issuer shall not be relieved from the obligation to pay the principal of, or premium or interest, if any, on, the Notes in the case of a lease of all or substantially all of the Issuer's properties or assets in a transaction that is subject to, and that complies with the provisions of, Section 5.01.

ARTICLE 6
DEFAULTS AND REMEDIES

Section 6.01 *Events of Default.*

Each of the following is an "*Event of Default*":

- (a) default for 30 days in the payment when due of interest on the Notes;
- (b) default in the payment when due (at Stated Maturity, upon redemption or otherwise) of the principal of, or premium, if any, on, the Notes;
- (c) failure by the Issuer for 30 days after written notice has been given, by certified mail, (1) to the Issuer by the Trustee or (2) to the Issuer and the Trustee by the Holders of at least 25% in aggregate principal amount of the Notes then outstanding to comply with its obligations to offer to repurchase or repurchase the Notes described under Section 3.09, 4.10 or 4.15;
- (d) failure by the Issuer to comply with Section 5.01;

(e) failure by the Issuer for 180 days after written notice has been given, by certified mail, (1) to the Issuer by the Trustee or (2) to the Issuer and the Trustee by the Holders of at least 25% in aggregate principal amount of the Notes then outstanding to comply with Section 4.03;

(f) failure by the Issuer for 60 days after written notice has been given, by certified mail, (1) to the Issuer by the Trustee or (2) to the Issuer and the Trustee by the Holders of at least 25% in aggregate principal amount of the Notes then outstanding to comply with any of the other agreements in this Indenture;

(g) default under any mortgage, indenture or instrument under which there is issued or by which there is secured or evidenced any Indebtedness for money borrowed by the Issuer or any of its Restricted Subsidiaries (or the payment of which is guaranteed by the Issuer or any of its Restricted Subsidiaries), whether such Indebtedness or guarantee now exists, or is created after the date of this Indenture, if that default:

(1) is caused by a failure to pay principal of, and interest and premium, if any, on, such Indebtedness prior to the expiration of the grace period provided in such Indebtedness on the date of such default (a "Payment Default"); or

(2) results in the acceleration of such Indebtedness prior to its express maturity,

and, in each case, the principal amount of any such Indebtedness, together with the principal amount of any other such Indebtedness under which there has been a Payment Default or the maturity of which has been so accelerated, aggregates \$100.0 million or more; *provided, however*, if, prior to any acceleration of the Notes, (i) any such Payment Default is cured or waived, (ii) any such acceleration is rescinded, or (iii) such Indebtedness is repaid during the 60 day period commencing upon the end of any applicable grace period for such Payment Default or the occurrence of such acceleration, as the case may be, any Default or Event of Default (but not any acceleration of the Notes) caused by such Payment Default or acceleration shall be automatically rescinded, so long as such rescission does not conflict with any judgment, decree or applicable law;

(h) failure by the Issuer or any of its Restricted Subsidiaries to pay final judgments entered by a court or courts of competent jurisdiction aggregating in excess of \$100.0 million (to the extent not covered by insurance by a reputable and creditworthy insurer as to which the insurer has not disclaimed coverage), which judgments are not paid, discharged or stayed, for a period of 60 days;

(i) the Issuer or any of the Issuer's Restricted Subsidiaries that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary pursuant to or within the meaning of Bankruptcy Law:

(1) commences a voluntary case,

(2) consents to the entry of an order for relief against it in an involuntary case,

(3) consents to the appointment of a custodian of it or for all or substantially all of its property,

(4) makes a general assignment for the benefit of its creditors, or

(5) generally is not paying its debts as they become due;

(j) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law that:

(1) is for relief against the Issuer or any of the Issuer's Restricted Subsidiaries that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary in an involuntary case;

(2) appoints a custodian of the Issuer or any of the Issuer's Restricted Subsidiaries that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary or for all or substantially all of the property of the Issuer or any of its Restricted Subsidiaries that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary; or

(3) orders the liquidation of the Issuer or any of the Issuer's Restricted Subsidiaries that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary;

and the order or decree remains unstayed and in effect for 60 consecutive days; and

(k) except as permitted by this Indenture, any Guarantee is held in any judicial proceeding to be unenforceable or invalid or ceases for any reason to be in full force and effect, or any Guarantor, or any Person acting on behalf of any Guarantor, denies or disaffirms its obligations under its Guarantee, except, in each case, by reason of the release of such Guarantee in accordance with this Indenture.

Section 6.02 *Acceleration.*

In the case of an Event of Default specified in clause (i) or (j) of Section 6.01, with respect to the Issuer, any Restricted Subsidiary of the Issuer that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary, the outstanding principal of and accrued and unpaid interest, if any, on, all outstanding Notes will become due and payable immediately without further action or notice. If any other Event of Default occurs and is continuing, the Trustee or the Holders of at least 25% in aggregate principal amount of the then outstanding Notes may declare the outstanding principal of and accrued and unpaid interest, if any, on, all outstanding Notes to be due and payable immediately.

Upon any such declaration, the Notes shall become due and payable immediately.

The Holders of a majority in aggregate principal amount of the then outstanding Notes by written notice to the Trustee may, on behalf of the Holders of all of the Notes, rescind an acceleration under this Indenture, if the rescission would not conflict with any judgment or decree, except a continuing Default or Event of Default in the payment of principal of, or interest or premium, if any, on, the Notes.

Section 6.03 Other Remedies.

If an Event of Default occurs and is continuing, and is known to the Trustee, the Trustee may pursue any available remedy to collect the payment of principal of, premium on, if any, or interest on, the Notes or to enforce the performance of any provision of the Notes or this Indenture.

The Trustee may maintain a proceeding even if it does not possess any of the Notes or does not produce any of them in the proceeding. A delay or omission by the Trustee or any Holder of a Note in exercising any right or remedy accruing upon an Event of Default shall not impair the right or remedy or constitute a waiver of or acquiescence in the Event of Default. All remedies are cumulative to the extent permitted by law.

Section 6.04 Waiver of Past Defaults.

The Holders of a majority in aggregate principal amount of the then outstanding Notes by written notice to the Trustee may, on behalf of the Holders of all of the Notes waive any existing Default or Event of Default and its consequences hereunder, except a continuing Default or Event of Default in the payment of principal of, premium on, if any, or interest on, the Notes or as otherwise specified in Section 9.02. Upon any such waiver, such Default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured for every purpose of this Indenture; but no such waiver shall extend to any subsequent or other Default or impair any right consequent thereon.

Section 6.05 Control by Majority.

Holders of a majority in aggregate principal amount of the then outstanding Notes may direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee or exercising any trust or power conferred on it. However, the Trustee may refuse to follow any direction that conflicts with law or this Indenture that the Trustee determines may be unduly prejudicial to the rights of other Holders of Notes or that may involve the Trustee in personal liability.

Section 6.06 Limitation on Suits.

No Holder of a Note may pursue any remedy with respect to this Indenture or the Notes unless:

- (a) such Holder has previously given the Trustee written notice that an Event of Default is continuing;
- (b) Holders of at least 25% in aggregate principal amount of the then outstanding Notes make a written request to the Trustee to pursue the

remedy;

(c) such Holder or Holders offer and, if requested, provide to the Trustee security or indemnity reasonably satisfactory to the Trustee against any loss, liability or expense;

(d) the Trustee does not comply with such request within 60 days after receipt of the request and the offer of security or indemnity; and

(e) during such 60-day period, Holders of a majority in aggregate principal amount of the then outstanding Notes do not give the Trustee a direction inconsistent with such request.

A Holder of a Note may not use this Indenture to prejudice the rights of another Holder of a Note or to obtain a preference or priority over another Holder of a Note.

Section 6.07 Rights of Holders of Notes to Receive Payment.

Notwithstanding any other provision of this Indenture, the right of any Holder of a Note to receive payment of principal of, premium on, if any, or interest on, the Note, on or after the respective due dates expressed in the Note, or to bring suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of such Holder.

Section 6.08 Collection Suit by Trustee.

If an Event of Default specified in Section 6.01(a) or (b) occurs and is continuing, the Trustee is authorized to recover judgment in its own name and as trustee of an express trust against the Issuer for the whole amount of principal of, premium on, if any, and interest, remaining unpaid on, the Notes and interest on overdue principal and, to the extent lawful, interest and such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

Section 6.09 Trustee May File Proofs of Claim.

The Trustee is authorized to file such proofs of claim and other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and the Holders of the Notes allowed in any judicial proceedings relative to the Issuer (or any other obligor upon the Notes), its creditors or its property and shall be entitled and empowered to collect, receive and distribute any money or other property payable or deliverable on any such claims and any custodian in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee, and in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due to it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.07. To the extent that the payment of any such compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.07 out of the estate in any such proceeding, shall be denied for any reason, payment of the same shall be secured by a Lien on, and shall be paid out of, any and all distributions, dividends, money, securities and other properties that the Holders may be entitled to receive in such proceeding whether in liquidation or under any

plan of reorganization or arrangement or otherwise. Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, arrangement, adjustment or composition affecting the Notes or the rights of any Holder, or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding.

Section 6.10 *Priorities.*

If the Trustee collects any money pursuant to this Article 6, it shall pay out the money in the following order:

First: to the Trustee, its agents and attorneys for amounts due under Section 7.07, including payment of all compensation, expenses and liabilities incurred, and all advances made, by the Trustee and the costs and expenses of collection;

Second: to Holders of the Notes for amounts due and unpaid on the Notes for principal, premium, if any, and interest, ratably, without preference or priority of any kind, according to the amounts due and payable on the Notes for principal, premium, if any, and interest, respectively; and

Third: to the Issuer or to such party as a court of competent jurisdiction shall direct.

The Trustee may fix a record date and payment date for any payment to Holders of the Notes pursuant to this Section 6.10.

Section 6.11 *Undertaking for Costs.*

In any suit for the enforcement of any right or remedy under this Indenture or in any suit against the Trustee for any action taken or omitted by it as a Trustee, a court in its discretion may require the filing by any party litigant in the suit of an undertaking to pay the costs of the suit, and the court in its discretion may assess reasonable costs, including reasonable attorneys' fees, against any party litigant in the suit, having due regard to the merits and good faith of the claims or defenses made by the party litigant. This Section 6.11 does not apply to a suit by the Trustee, a suit by a Holder of a Note pursuant to Section 6.07, or a suit by Holders of more than 10% in aggregate principal amount of the then outstanding Notes.

ARTICLE 7 TRUSTEE

Section 7.01 *Duties of Trustee.*

(a) If an Event of Default has occurred and is continuing and is actually known to the Trustee, the Trustee will exercise such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in its exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(b) Except during the continuance of an Event of Default:

(1) the duties of the Trustee will be determined solely by the express provisions of this Indenture and the Trustee need perform only those duties that are specifically set forth in this Indenture and no others, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(2) in the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture. However, the Trustee will examine the certificates and opinions to determine whether or not they conform to the requirements of this Indenture.

(c) The Trustee may not be relieved from liabilities for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) this paragraph does not limit the effect of paragraph (b) of this Section 7.01;

(2) the Trustee will not be liable for any error of judgment made in good faith by a Responsible Officer, unless it is proved that the Trustee was negligent in ascertaining the pertinent facts; and

(3) the Trustee will not be liable with respect to any action it takes or omits to take in good faith in accordance with a direction received by it pursuant to Section 6.05.

(d) Whether or not therein expressly so provided, every provision of this Indenture that in any way relates to the Trustee is subject to paragraphs (a), (b), and (c) of this Section 7.01.

(e) No provision of this Indenture will require the Trustee to expend or risk its own funds or incur any liability. The Trustee will be under no obligation to exercise any of its rights and powers under this Indenture at the request or direction of any Holders, unless such Holders shall have provided to the Trustee security and indemnity reasonably satisfactory to it against any costs, loss, liability or expense.

(f) The Trustee will not be liable for interest on any money received by it except as the Trustee may agree in writing with the Issuer. Money held in trust by the Trustee need not be segregated from other funds except to the extent required by law.

Section 7.02 Rights of Trustee.

(a) The Trustee may conclusively rely upon any document believed by it to be genuine and to have been signed or presented by the proper Person. The Trustee need not investigate any fact or matter stated in the document.

(b) Before the Trustee acts or refrains from acting, it may require an Officers' Certificate or an Opinion of Counsel or both. The Trustee will not be liable for any action it takes or omits to take in good faith in reliance on such Officers' Certificate or Opinion of Counsel. The Trustee may consult with counsel and the written advice of such counsel or any Opinion of Counsel will be full and complete authorization and protection from liability in respect of any action taken, suffered or omitted by it hereunder in good faith and in reliance thereon.

(c) The Trustee may act through its attorneys and agents and will not be responsible for the misconduct or negligence of any agent appointed with due care.

(d) The Trustee will not be liable for any action it takes or omits to take in good faith that it believes to be authorized or within the rights or powers conferred upon it by this Indenture.

(e) Unless otherwise specifically provided in this Indenture, any demand, request, direction or notice from the Issuer will be sufficient if signed by an Officer of the Issuer.

(f) The Trustee will be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders unless such Holders have offered to the Trustee reasonable indemnity or security satisfactory to it against the losses, liabilities and expenses that might be incurred by it in compliance with such request or direction. In no event shall the Trustee be liable to any Person for special, punitive, indirect, consequential or incidental loss or damage of any kind whatsoever (including, but not limited to, lost profits) for any action it takes or omits to take, even if the Trustee has been advised of the likelihood of such loss or damage.

(g) The Trustee shall not be deemed to have notice of a Default or an Event of Default unless a Responsible Officer of the Trustee has actual knowledge of such Default or Event of Default.

(h) Subject to Section 7.01(b)(2), the Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit.

(i) The rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and to each agent, custodian and other Person employed to act hereunder.

(j) The permissive rights of the Trustee enumerated herein shall not be construed as duties.

(k) The recitals contained herein and in the Notes, except for the Trustee's certificates of authentication, shall be taken as the statements of the Issuer and the Guarantors, as applicable, and shall not be taken as the statements of the Trustee, and the Trustee assumes no responsibility for their correctness. The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Notes, except that the Trustee represents that it is duly authorized to execute and deliver this Indenture, authenticate the Notes and perform its obligations hereunder.

(l) The Trustee shall have no duty to ascertain or inquire as to the performance or observance of any of the terms of this Indenture or any other documents or agreements entered into in connection with the transactions contemplated hereby by the Issuer or any other party hereto.

Section 7.03 Individual Rights of Trustee.

The Trustee in its individual or any other capacity may become the owner or pledgee of Notes and may otherwise deal with the Issuer or any Affiliate of the Issuer with the same rights it would have if it were not Trustee. However, in the event that the Trustee acquires any conflicting interest (as defined in the TIA) after a Default has occurred and is continuing it must eliminate such conflict within 90 days, apply to the SEC for permission to continue as Trustee (if this Indenture has been qualified under the TIA) or resign. Any Agent may do the same with like rights and duties. The Trustee is also subject to Sections 7.10 and 7.11.

Section 7.04 Trustee's Disclaimer.

The Trustee will not be responsible for and makes no representation as to the validity or adequacy of this Indenture or the Notes, it shall not be accountable for the Issuer's use of the proceeds from the Notes or any money paid to the Issuer or upon the Issuer's direction under any provision of this Indenture, it will not be responsible for the use or application of any money received by any Paying Agent other than the Trustee, and it will not be responsible for any statement or recital herein or any statement in the Notes or any other document in connection with the sale of the Notes or pursuant to this Indenture other than its certificate of authentication.

Section 7.05 Notice of Defaults.

If a Default or Event of Default occurs and is continuing and if it is actually known to the Trustee, the Trustee will mail to Holders of the Notes a notice of the Default or Event of Default within 90 days after the Trustee gains knowledge of any such Default or Event of Default unless such Default or Event of Default shall have been cured or waived before the giving of such notice. Except in the case of a Default or Event of Default in payment of principal of, premium on, if any, or interest on, any Note, the Trustee may withhold the notice if and so long as a committee of its Responsible Officers in good faith determines that withholding the notice is in the interests of the Holders of the Notes.

Section 7.06 Reports by Trustee to Holders of the Notes.

(a) Within 60 days after each December 1 beginning with December 1, 2020, and for so long as Notes remain outstanding, the Trustee will mail to the Holders of the Notes a brief report dated as of such reporting date that complies with TIA §313(a) (but if no event described in TIA §313(a) has occurred within the twelve months preceding the reporting date, no report need be transmitted). The Trustee also will comply with TIA §313(b)(2). The Trustee will also transmit by mail all reports as required by TIA §313(c).

(b) A copy of each report at the time of its mailing to the Holders of the Notes will be mailed by the Trustee to the Issuer and filed by the Trustee with the SEC and each stock exchange on which the Notes are listed in accordance with TIA §313(d). The Issuer will promptly notify the Trustee when the Notes are listed on any stock exchange.

Section 7.07 Compensation and Indemnity.

(a) The Issuer will pay to the Trustee (in its capacity as Trustee, and, to the extent it has been appointed as such, as Paying Agent and Registrar) from time to time reasonable compensation for its acceptance of this Indenture and services hereunder in accordance with a written schedule provided to the Issuer by the Trustee. The Trustee's compensation will not be limited by any law on compensation of a trustee of an express trust. The Issuer will reimburse the Trustee promptly upon request for all reasonable disbursements, advances and expenses incurred or made by it in addition to the compensation for its services. Such expenses will include the reasonable compensation, disbursements and expenses of the Trustee's agents and counsel.

(b) The Issuer and the Guarantors will indemnify the Trustee against any and all losses, liabilities or expenses incurred by it arising out of or in connection with the acceptance or administration of its duties under this Indenture, including the costs and expenses of enforcing this Indenture against the Issuer and the Guarantors (including this Section 7.07) and defending itself against any claim (whether asserted by the Issuer, the Guarantors, any Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, except to the extent any such loss, liability or expense may be attributable to its negligence or bad faith. The Trustee will notify the Issuer promptly of any claim for which it may seek indemnity. Failure by the Trustee to so notify the Issuer will not relieve the Issuer or any of the Guarantors of their obligations hereunder. The Issuer or such Guarantor will defend the claim and the Trustee will cooperate in the defense. The Trustee may have separate counsel and the Issuer will pay the reasonable fees and expenses of such counsel. Neither the Issuer nor any Guarantor need pay for any settlement made without its consent, which consent will not be unreasonably withheld.

(c) The obligations of the Issuer and the Guarantors under this Section 7.07 will survive the satisfaction and discharge of this Indenture.

(d) To secure the Issuer's and the Guarantors' payment obligations in this Section 7.07, the Trustee will have a Lien prior to the Notes on all money or property held or collected by the Trustee, except that held in trust to pay principal of, premium on, if any, or interest on, particular Notes. Such Lien will survive the satisfaction and discharge of this Indenture.

(e) When the Trustee incurs expenses or renders services after an Event of Default specified in Section 6.01(i) or (j) occurs, the expenses and the compensation for the services (including the fees and expenses of its agents and counsel) are intended to constitute expenses of administration under any Bankruptcy Law.

(f) The Trustee will comply with the provisions of TIA §313(b)(2) to the extent applicable.

Section 7.08 *Replacement of Trustee.*

(a) A resignation or removal of the Trustee and appointment of a successor Trustee will become effective only upon the successor Trustee's acceptance of appointment as provided in this Section 7.08.

(b) The Trustee may resign in writing at any time and be discharged from the trust hereby created by so notifying the Issuer. The Holders of a majority in aggregate principal amount of the then outstanding Notes may remove the Trustee by so notifying the Trustee and the Issuer in writing. The Issuer may remove the Trustee if:

- (1) the Trustee fails to comply with Section 7.10;
- (2) the Trustee is adjudged a bankrupt or an insolvent or an order for relief is entered with respect to the Trustee under any Bankruptcy Law;
- (3) a custodian or public officer takes charge of the Trustee or its property; or
- (4) the Trustee becomes incapable of acting.

(c) If the Trustee resigns or is removed or if a vacancy exists in the office of Trustee for any reason, the Issuer will promptly appoint a successor Trustee. Within one year after the successor Trustee takes office, the Holders of a majority in aggregate principal amount of the then outstanding Notes may appoint a successor Trustee to replace the successor Trustee appointed by the Issuer.

(d) If a successor Trustee does not take office within 60 days after the retiring Trustee resigns or is removed, the retiring Trustee, the Issuer, or the Holders of at least 10% in aggregate principal amount of the then outstanding Notes may petition any court of competent jurisdiction for the appointment of a successor Trustee.

(e) If the Trustee, after written request by any Holder who has been a Holder for at least six months, fails to comply with Section 7.10, such Holder may petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor Trustee.

(f) A successor Trustee will deliver a written acceptance of its appointment to the retiring Trustee and to the Issuer. Thereupon, the resignation or removal of the retiring Trustee will become effective, and the successor Trustee will have all the rights, powers and duties of the Trustee under this Indenture. The successor Trustee will mail a notice of its succession to Holders. The retiring Trustee will promptly transfer all property held by it as Trustee to the successor Trustee; *provided* all sums owing to the Trustee hereunder have been paid and subject to the Lien provided for in Section 7.07. Notwithstanding replacement of the Trustee pursuant to this Section 7.08, the Issuer's obligations under Section 7.07 will continue for the benefit of the retiring Trustee.

Section 7.09 *Successor Trustee by Merger, etc.*

If the Trustee consolidates, merges or converts into, or transfers all or substantially all of its corporate trust business to, another corporation, the successor corporation without any further act will be the successor Trustee.

Section 7.10 *Eligibility; Disqualification.*

There will at all times be a Trustee hereunder that is a corporation organized and doing business under the laws of the United States of America or of any state thereof that is authorized under such laws to exercise corporate trustee power, that is subject to supervision or examination by federal or state authorities and that has a combined capital and surplus of at least \$100.0 million as set forth in its most recent published annual report of condition.

This Indenture will always have a Trustee who satisfies the requirements of TIA §310(a)(1), (2) and (5). The Trustee is subject to TIA §310(b).

Section 7.11 *Preferential Collection of Claims Against Issuer.*

The Trustee is subject to TIA §311(a), excluding any creditor relationship listed in TIA §311(b). A Trustee who has resigned or been removed shall be subject to TIA §311(a) to the extent indicated therein.

ARTICLE 8
LEGAL DEFEASANCE AND COVENANT DEFEASANCE

Section 8.01 *Option to Effect Legal Defeasance or Covenant Defeasance.*

The Issuer may at any time, at the option of its Board of Directors evidenced by resolutions set forth in an Officers' Certificate, elect to have either Section 8.02 or 8.03 be applied to all outstanding Notes upon compliance with the conditions set forth below in this Article 8.

Section 8.02 *Legal Defeasance and Discharge.*

Upon the Issuer's exercise under Section 8.01 of the option applicable to this Section 8.02, the Issuer and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 8.04, be deemed to have been discharged from their obligations with respect to all outstanding Notes (including the Guarantees) on the date the conditions set forth below are satisfied (hereinafter, "*Legal Defeasance*"). For this purpose, Legal Defeasance means that the Issuer and the Guarantors will be deemed to have paid and discharged the entire Indebtedness represented by the outstanding Notes (including the Guarantees), which will thereafter be deemed to be "outstanding" only for the purposes of Section 8.05 and the other Sections of this Indenture referred to in clauses (a) and (b) below, and to have satisfied all their other obligations under such Notes, the Guarantees and this Indenture (and the Trustee, on demand of and at the expense of the Issuer, shall execute proper instruments acknowledging the same), except for the following provisions which will survive until otherwise terminated or discharged hereunder:

(a) the rights of Holders of outstanding Notes to receive payments in respect of the principal of, premium on, if any, or interest on, such Notes when such payments are due from the trust referred to in Section 8.04;

(b) the Issuer's obligations with respect to such Notes under Article 2 and Section 4.02;

(c) the rights, powers, trusts, duties and immunities of the Trustee hereunder and the Issuer's and the Guarantors' obligations in connection therewith; and

(d) this Article 8.

Subject to compliance with this Article 8, the Issuer may exercise its option under this Section 8.02 notwithstanding the prior exercise of its option under Section 8.03.

Section 8.03 *Covenant Defeasance.*

Upon the Issuer's exercise under Section 8.01 of the option applicable to this Section 8.03, the Issuer and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 8.04, be released from each of their respective obligations under the covenants contained in Sections 3.09, 4.03, 4.04, 4.05, 4.07, 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16 and 4.17 and clause (4) of Section 5.01(a) with respect to all the outstanding Notes on and after the date the conditions set forth in Section 8.04 are satisfied (hereinafter, "*Covenant Defeasance*"), and the Notes will thereafter be deemed not "outstanding" for the purposes of any direction, waiver, consent or declaration or act of Holders (and the consequences of any thereof) in connection with such covenants, but will continue to be deemed "outstanding" for all other purposes hereunder (it being understood that such Notes will not be deemed outstanding for accounting purposes to the extent permitted by GAAP). For this purpose, *Covenant Defeasance* means that, with respect to the outstanding Notes and Guarantees, the Issuer and the Guarantors may omit to comply with and will have no liability in respect of any term, condition or limitation set forth in any such covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such covenant or by reason of any reference in any such covenant to any other provision herein or in any other document and such omission to comply will not constitute a Default or an Event of Default under Section 6.01, but, except as specified above, the remainder of this Indenture and such Notes and Guarantees will be unaffected thereby. In addition, upon the Issuer's exercise under Section 8.01 of the option applicable to this Section 8.03, subject to the satisfaction of the conditions set forth in Section 8.04, Sections 6.01(c), (d), (f), (g), (h) and (k) will not constitute Events of Default.

Section 8.04 *Conditions to Legal or Covenant Defeasance.*

In order to exercise either Legal Defeasance or Covenant Defeasance under either Section 8.02 or 8.03:

(a) the Issuer must irrevocably deposit with the Trustee, in trust, for the benefit of the Holders, cash in U.S. dollars, non-callable Government Securities, or a combination thereof, in such amounts as will be sufficient, in the opinion of a nationally recognized investment bank, appraisal firm or firm of independent public accountants, to pay the principal of, premium on, if any, and interest on, the outstanding Notes on the stated date for payment thereof or on the applicable redemption date, as the case may be, and the Issuer must specify whether the Notes are being defeased to such stated date for payment or to a particular redemption date;

(b) in the case of an election under Section 8.02, the Issuer must deliver to the Trustee an Opinion of Counsel reasonably acceptable to the Trustee confirming that:

(1) the Issuer has received from, or there has been published by, the Internal Revenue Service a ruling; or

(2) since the date of this Indenture, there has been a change in the applicable federal income tax law, in either case to the effect that, and based thereon such Opinion of Counsel will confirm that, the Holders of the outstanding Notes will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to 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;

(c) in the case of an election under Section 8.03, the Issuer must deliver to the Trustee an Opinion of Counsel reasonably acceptable to the Trustee confirming that the Holders of the outstanding Notes will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to 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;

(d) no Default or Event of Default has occurred and is continuing on the date of such deposit (other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposit (and any similar concurrent deposit relating to other Indebtedness), and the granting of Liens to secure such borrowings, all or a portion of which are to be applied to such deposit);

(e) such Legal Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under, any material agreement or instrument (other than this Indenture and the agreements governing any other Indebtedness being defeased, discharged or replaced) to which the Issuer or any Guarantor is a party or by which the Issuer or any Guarantor is bound;

(f) the Issuer must deliver to the Trustee an Officers' Certificate stating that the deposit was not made by the Issuer with the intent of preferring the Holders of the Notes over the other creditors of the Issuer with the intent of defeating, hindering, delaying or defrauding any creditors of the Issuer or others; and

(g) the Issuer must deliver to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that all conditions precedent relating to the Legal Defeasance or the Covenant Defeasance, as the case may be, have been complied with.

Section 8.05 *Deposited Money and Government Securities to be Held in Trust; Other Miscellaneous Provisions.*

Subject to Section 8.06, all money and non-callable Government Securities (including the proceeds thereof) deposited with the Trustee (or other qualifying trustee, collectively for purposes of this Section 8.05, the “Trustee”) pursuant to Section 8.04 in respect of the outstanding Notes will be held in trust and applied by the Trustee, in accordance with the provisions of such Notes and this Indenture, to the payment, either directly or through any Paying Agent (including the Issuer acting as Paying Agent) as the Trustee may determine, to the Holders of such Notes of all sums due and to become due thereon in respect of principal, premium, if any, and interest, but such money need not be segregated from other funds except to the extent required by law.

The Issuer will pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the cash or non-callable Government Securities deposited pursuant to Section 8.04 or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of the outstanding Notes.

Notwithstanding anything in this Article 8 to the contrary, the Trustee will deliver or pay to the Issuer from time to time upon the request of the Issuer any money or non-callable Government Securities held by it as provided in Section 8.04 which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee (which may be the opinion delivered under Section 8.04(a)), are in excess of the amount thereof that would then be required to be deposited to effect an equivalent Legal Defeasance or Covenant Defeasance.

Section 8.06 *Repayment to Issuer.*

Any money deposited with the Trustee or any Paying Agent, or then held by the Issuer, in trust for the payment of the principal of, premium on, if any, or interest on, any Note and remaining unclaimed for two years after such principal, premium, if any, and interest, has become due and payable shall be paid to the Issuer on its request or (if then held by the Issuer) will be discharged from such trust; and the Holder of such Note will thereafter be permitted to look only to the Issuer for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Issuer as trustee thereof, will thereupon cease; *provided, however*, that, if any Definitive Note is then outstanding, the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Issuer cause to be published once, in the *New York Times* and *The Wall Street Journal* (national edition), notice that such money remains unclaimed and that, after a date specified therein, which will not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining will be repaid to the Issuer.

Section 8.07 *Reinstatement.*

If the Trustee or Paying Agent is unable to apply any U.S. dollars or non-callable Government Securities in accordance with Section 8.02 or 8.03, as the case may be, by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Issuer’s and the Guarantors’ obligations under this Indenture

and the Notes and the Guarantees will be revived and reinstated as though no deposit had occurred pursuant to Section 8.02 or 8.03 until such time as the Trustee or Paying Agent is permitted to apply all such money or Government Securities in accordance with Section 8.02 or 8.03, as the case may be; *provided, however*, that, if the Issuer make any payment of principal of, premium on, if any, or interest on, any Note following the reinstatement of its obligations, the Issuer will be subrogated to the rights of the Holders of such Notes to receive such payment from the money or Government Securities held by the Trustee or Paying Agent.

ARTICLE 9
AMENDMENT, SUPPLEMENT AND WAIVER

Section 9.01 *Without Consent of Holders of Notes.*

Notwithstanding Section 9.02 of this Indenture, without the consent of any Holder of Notes, the Issuer, the Guarantors and the Trustee may amend or supplement this Indenture, the Notes or the Guarantees:

- (a) to cure any ambiguity, defect or inconsistency;
- (b) to provide for uncertificated Notes in addition to or in place of certificated Notes;
- (c) to provide for the assumption of the Issuer's or a Guarantor's obligations to Holders of the Notes and Guarantees in the case of a merger or consolidation or sale of all or substantially all of the Issuer's or such Guarantor's properties or assets, as applicable;
- (d) to make any change that would provide any additional rights or benefits to the Holders of the Notes or that does not adversely affect the legal rights under this Indenture of any Holder;
- (e) to comply with requirements of the SEC in order to effect or maintain the qualification of this Indenture under the TIA;
- (f) to conform the text of this Indenture, the Notes or the Guarantees to any provision of the "Description of Notes" section of the Offering Memorandum as specified by an Officers' Certificate;
- (g) to provide for the issuance of Additional Notes in accordance with the limitations set forth in this Indenture as of the date hereof;
- (h) to secure the Notes or the Guarantees pursuant to the requirements of Section 4.12 or otherwise;
- (i) to evidence the release of any Guarantor from its Guarantee, as provided in this Indenture, add any additional Guarantor or guarantee of the Notes;
- (j) to evidence or provide for the acceptance of appointment under this Indenture of a successor Trustee; or

(k) to provide for the reorganization of the Issuer as any other form of entity in accordance with Section 5.01(c).

Any supplemental indenture authorized by the provisions of this Section 9.01 may be executed by the Issuer, the Guarantors and the Trustee without the consent of the Holders of any of the Notes at the time outstanding, notwithstanding any of the provisions of Section 9.02.

Section 9.02 With Consent of Holders of Notes.

Except as provided below in this Section 9.02, the Issuer, the Guarantors and the Trustee may amend or supplement this Indenture (including, without limitation, Sections 3.09, 4.10 and 4.15) and the Notes and the Guarantees with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes voting as a single class (including, without limitation, consents obtained in connection with a tender offer or exchange offer for, or purchase of, the Notes), and, subject to Section 6.07, any existing Default or Event of Default or compliance with any provision of this Indenture or the Notes or the Guarantees may be waived, in each case with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes voting as a single class (including, without limitation, consents obtained in connection with a tender offer or exchange offer for, or purchase of, the Notes). Section 2.08 shall determine which Notes are considered to be "outstanding" for purposes of this Section 9.02. However, without the consent of each Holder affected, an amendment, supplement or waiver may not (with respect to any Notes held by a non-consenting Holder):

(a) reduce the principal amount of Notes whose Holders must consent to an amendment, supplement or waiver;

(b) reduce the principal of or change the fixed maturity of any Note or alter or waive any of the provisions with respect to the redemption of the Notes (other than provisions relating to minimum notice periods required with respect to redemptions of Notes and provisions under Section 3.03, 3.09, 4.10 or 4.15);

(c) reduce the rate of or change the time for payment of interest, including default interest on any Note;

(d) waive a Default or Event of Default in the payment of principal of, premium on, if any, or interest on, the Notes (except (i) a payment required by Section 3.09, 4.10 or 4.15 or (ii) a rescission of acceleration of the Notes by the Holders of a majority in aggregate principal amount of the then outstanding Notes and a waiver of the payment default that resulted from such acceleration);

(e) make any Note payable in money other than that stated in the Notes;

(f) make any change in the provisions of this Indenture relating to waivers of past Defaults or the rights of Holders of the Notes to receive payments of principal of, premium on, if any, or interest on, the Notes (other than a payment required by Section 3.09, 4.10 or 4.15);

(g) waive a redemption or repurchase payment with respect to any Note (other than a payment required by Section 3.09, 4.10 or 4.15);

(h) release any Guarantor from any of its obligations under its Guarantee or this Indenture, except in accordance with the terms of this Indenture; or

(i) make any change in the preceding amendment, supplement and waiver provisions.

The consent of the Holders is not necessary under this Section 9.02 to approve the particular form of any proposed amendment, supplement or waiver. It is sufficient if such consent approves the substance of the proposed amendment, supplement or waiver. After an amendment, supplement or waiver under this Indenture requiring the approval of the Holders becomes effective, the Issuer will mail to the Holders a notice briefly describing the amendment, supplement or waiver. However, the failure to give such notice, or any defect in the notice, will not impair or affect the validity of the amendment, supplement or waiver.

Section 9.03 Revocation and Effect of Consents.

Until an amendment, supplement or waiver becomes effective, a consent to it by a Holder of a Note is a continuing consent by the Holder of a Note and every subsequent Holder of a Note or portion of a Note that evidences the same debt as the consenting Holder's Note, even if notation of the consent is not made on any Note. However, any such Holder of a Note or subsequent Holder of a Note may revoke the consent as to its Note if the Trustee receives written notice of revocation before the date the amendment, supplement or waiver becomes effective. An amendment, supplement or waiver becomes effective in accordance with its terms and thereafter binds every Holder unless it makes a change described in any of clauses (a) through (i) of the first paragraph of Section 9.02, in which case, the amendment, supplement or waiver shall bind only each Holder of a Note who has consented to such amendment, supplement or waiver and every subsequent Holder of a Note or portion of a Note that evidences the same indebtedness as the consenting Holder's Note.

Section 9.04 Notation on or Exchange of Notes.

The Trustee may place an appropriate notation about an amendment, supplement or waiver on any Note thereafter authenticated. The Issuer in exchange for all Notes may issue and the Trustee shall, upon receipt of an Authentication Order, authenticate new Notes that reflect the amendment, supplement or waiver.

Failure to make the appropriate notation or issue a new Note will not affect the validity and effect of such amendment, supplement or waiver.

Section 9.05 Trustee to Sign Amendments, etc.

The Trustee will sign any amended or supplemental indenture authorized pursuant to this Article 9 if the amendment or supplement does not adversely affect the rights, duties, liabilities or immunities of the Trustee. In executing any amended or supplemental indenture, the Trustee will be entitled to receive and (subject to Section 7.01) will be fully protected in relying upon, in addition to the documents required by Section 12.04, an Officers' Certificate and an Opinion of Counsel stating that the execution of such amended or supplemental indenture is authorized or permitted by this Indenture.

Section 9.06 *Effect of Supplemental Indentures.*

Upon the execution of any amended or supplemental indenture under this Article 9, this Indenture shall be modified in accordance therewith, and such amended or supplemental indenture shall form a part of this Indenture for all purposes; and every Holder of Notes theretofore or thereafter authenticated and delivered hereunder shall be bound thereby.

ARTICLE 10
GUARANTEES

Section 10.01 *Guarantee.*

(a) Subject to this Article 10, each of the Guarantors hereby, jointly and severally, unconditionally Guarantees to each Holder of a Note authenticated and delivered by the Trustee and to the Trustee and its successors and assigns, irrespective of the validity and enforceability of this Indenture, the Notes or the obligations of the Issuer hereunder or thereunder, that:

(1) the principal of, premium on, if any, and interest on, the Notes will be promptly paid in full when due, whether at Stated Maturity, by acceleration, redemption or otherwise, and interest on the overdue principal of, premium on, if any, and interest on, the Notes, if lawful, and all other obligations of the Issuer to the Holders or the Trustee hereunder or thereunder will be promptly paid in full or performed, all in accordance with the terms hereof and thereof; and

(2) in case of any extension of time of payment or renewal of any Notes or any of such other obligations, that same will be promptly paid in full when due or performed in accordance with the terms of the extension or renewal, whether at Stated Maturity, by acceleration or otherwise.

Failing payment when due of any amount so Guaranteed or any performance so Guaranteed for whatever reason, the Guarantors will be jointly and severally obligated to pay the same immediately. Each Guarantor agrees that this is a Guarantee of payment and not a Guarantee of collection.

(b) The Guarantors hereby agree that their obligations hereunder are unconditional, irrespective of the validity, regularity or enforceability of the Notes or this Indenture, the absence of any action to enforce the same, any waiver or consent by any Holder of the Notes with respect to any provisions hereof or thereof, the recovery of any judgment against the Issuer, any action to enforce the same or any other circumstance which might otherwise constitute a legal or equitable discharge or defense of a guarantor. Each Guarantor hereby waives diligence, presentment, demand of payment, filing of claims with a court in the event of insolvency or bankruptcy of the Issuer, any right to require a proceeding first against the Issuer, protest, notice and all demands whatsoever and covenant that this Guarantee will not be discharged except by complete performance of the obligations contained in the Notes and this Indenture.

(c) If any Holder or the Trustee is required by any court or otherwise to return to the Issuer, the Guarantors or any custodian, trustee, liquidator or other similar official acting in relation to either the Issuer or the Guarantors, any amount paid by any of them to the Trustee or such Holder, this Guarantee, to the extent theretofore discharged, will be reinstated in full force and effect.

(d) Each Guarantor agrees that it will not be entitled to any right of subrogation in relation to the Holders in respect of any obligations Guaranteed hereby until payment in full of all obligations Guaranteed hereby. Each Guarantor further agrees that, as between the Guarantors, on the one hand, and the Holders and the Trustee, on the other hand, (1) the maturity of the obligations Guaranteed hereby may be accelerated as provided in Article 6 for the purposes of this Guarantee, notwithstanding any stay, injunction or other prohibition preventing such acceleration in respect of the obligations Guaranteed hereby, and (2) in the event of any declaration of acceleration of such obligations as provided in Article 6, such obligations (whether or not due and payable) will forthwith become due and payable by the Guarantors for the purpose of this Guarantee. The Guarantors will have the right to seek contribution from any non-paying Guarantor so long as the exercise of such right does not impair the rights of the Holders under the Guarantee.

Section 10.02 Limitation on Guarantor Liability.

Each Guarantor and, by its acceptance of Notes, each Holder hereby confirm that it is the intention of all such parties that the Guarantee of such Guarantor not constitute a fraudulent transfer or conveyance for purposes of Bankruptcy Law, the Uniform Fraudulent Conveyance Act, the Uniform Fraudulent Transfer Act or any similar federal or state law to the extent applicable to any Guarantee. To effectuate the foregoing intention, the Trustee, the Holders and the Guarantors hereby irrevocably agree that the obligations of such Guarantor will be limited to the maximum amount that will, after giving effect to such maximum amount and all other contingent and fixed liabilities of such Guarantor that are relevant under such laws, and after giving effect to any collections from, rights to receive contribution from or payments made by or on behalf of any other Guarantor in respect of the obligations of such other Guarantor under this Article 10, result in the obligations of such Guarantor under its Guarantee not constituting a fraudulent transfer or conveyance. Until such time as the Notes are paid in full, each Guarantor hereby waives all rights of subrogation or contribution, whether arising by contract or operation of law (including any such right arising under federal Bankruptcy Law) or otherwise by reason of any payment by it pursuant to the provisions of this Article 10.

Section 10.03 Guarantee Evidenced by Indenture.

The Guarantee of any Guarantor shall be evidenced solely by its execution and delivery of this Indenture (or, in the case of any Guarantor that is not party to this Indenture on the date hereof, a supplemental indenture hereto) and not by an endorsement on, or attachment to, any Note or any Guarantee or notation thereof.

Each Guarantor hereby agrees that its Guarantee set forth in Section 10.01 will remain in full force and effect notwithstanding any failure to endorse on each Note a notation of such Guarantee.

The delivery of any Note by the Trustee, after the authentication thereof hereunder, will constitute due delivery of the Guarantee set forth in this Indenture on behalf of the Guarantors.

Section 10.04 *Guarantors May Consolidate, etc., on Certain Terms.*

A Guarantor may not sell or otherwise dispose of, in one or a series of related transactions, all or substantially all of its properties or assets to, or consolidate with or merge with or into (whether or not such Guarantor is the surviving Person) another Person, other than the Issuer or another Guarantor, unless:

(a) immediately after giving effect to such transaction or series of transactions, no Default or Event of Default exists; and

(b) either:

(1) the Person acquiring the properties or assets in any such sale or other disposition or the Person formed by or surviving any such consolidation or merger (if other than the Guarantor) unconditionally assumes all the obligations of that Guarantor under its Guarantee and this Indenture pursuant to a supplemental indenture or other agreement in form reasonably satisfactory to the Trustee; or

(2) such transaction or series of transactions does not violate Section 4.10.

In case of any such consolidation, merger, sale or other disposition and upon the assumption by the successor Person, by supplemental indenture, executed and delivered to the Trustee and satisfactory in form to the Trustee, of the Guarantee of the Guarantor and the due and punctual performance of all of the covenants and conditions of this Indenture to be performed by the Guarantor, such successor Person will succeed to and be substituted for the Guarantor with the same effect as if it had been named herein as a Guarantor.

Section 10.05 *Releases.*

Notwithstanding Section 10.04 above, the Guarantee of a Guarantor shall be released, and such Guarantor deemed automatically and unconditionally released and discharged from all of its obligations under this Indenture, in each case without any further action on the part of the Trustee or any Holder of the Notes:

(a) in connection with any sale or other disposition of all or substantially all of the properties or assets of that Guarantor, by way of merger, consolidation or otherwise, to a Person that is not (either before or after giving effect to such transaction) the Issuer or a Restricted Subsidiary of the Issuer, if the sale or other disposition does not violate Section 4.10;

(b) in connection with any sale or other disposition of Capital Stock of that Guarantor to a Person that is not (either before or after giving effect to such transaction) the Issuer or a Restricted Subsidiary of the Issuer, if the sale or other disposition does not violate Section 4.10 and such Guarantor ceases to be a Restricted Subsidiary of the Issuer as a result of the sale or other disposition;

(c) if the Issuer designates such Guarantor to be an Unrestricted Subsidiary in accordance with the terms of this Indenture;

(d) upon Legal Defeasance or Covenant Defeasance in accordance with Article 8 or satisfaction and discharge of this Indenture in accordance with Article 11;

(e) upon the liquidation or dissolution of such Guarantor *provided* no Default or Event of Default has occurred that is continuing;

(f) upon such Guarantor consolidating with, merging into or transferring all of its properties or assets to the Issuer or another Guarantor, and as a result of, or in connection with, such transaction such Guarantor dissolving or otherwise ceasing to exist; or

(g) at such time as such Guarantor ceases to guarantee or otherwise be an obligor with respect to any other Indebtedness of the Issuer or any other Guarantor in excess of the De Minimis Guaranteed Amount; *provided* no Event of Default has occurred that is continuing.

Any Guarantor not released from its obligations under its Guarantee as provided in this Section 10.05 will remain liable for the full amount of principal of, premium on, if any, and interest on the Notes and for the other obligations of such Guarantor under this Indenture as provided in this Article 10.

ARTICLE 11 SATISFACTION AND DISCHARGE

Section 11.01 *Satisfaction and Discharge.*

This Indenture will be discharged and will cease to be of further effect as to all Notes issued hereunder (except as to surviving rights of registration of transfer or exchange of the Notes and as otherwise specified in this Article 11), and the Trustee, at the expense of the Issuer, shall execute proper instruments acknowledging such satisfaction and discharge of this Indenture, when:

(a) either:

(1) all Notes that have been authenticated, except lost, stolen or destroyed Notes that have been replaced or paid and Notes for whose payment money has been deposited in trust and thereafter repaid to the Issuer, have been delivered to the Trustee for cancellation; or

(2) all Notes that have not been delivered to the Trustee for cancellation have become due and payable or will become due and payable within one year by reason of the mailing of a notice of redemption or otherwise and the Issuer or any Guarantor has irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust solely for the benefit of the Holders, cash in U.S. dollars, non-callable Government Securities, or a combination thereof, in such amounts as will be sufficient, without consideration of any reinvestment of interest, to pay and discharge the entire Indebtedness on the Notes not delivered to the Trustee for cancellation for principal, premium, if any, and interest to the date of Stated Maturity or redemption (*provided* that with respect to any redemption with a redemption price requiring calculation of the Applicable Premium, the initial deposit may be based on a good faith estimate of the redemption price provided the Issuer agrees to fund any shortfall in such amount promptly upon calculation of such redemption price);

(b) the Issuer has paid or caused to be paid all other sums payable by the Issuer under this Indenture; and

(c) if applicable, the Issuer has delivered irrevocable instructions to the Trustee to apply the deposited money toward the payment of the Notes at Stated Maturity or on the redemption date, as the case may be.

In addition, the Issuer must deliver an Officers' Certificate and an Opinion of Counsel to the Trustee stating that all conditions precedent to satisfaction and discharge have been satisfied.

Notwithstanding the satisfaction and discharge of this Indenture, if money or Government Securities have been deposited with the Trustee pursuant to subclause (2) of clause (a) of this Section 11.01, the provisions of Sections 11.02 and 8.06 will survive. In addition, nothing in this Section 11.01 will be deemed to discharge those provisions of Section 7.07, that, by their terms, survive the satisfaction and discharge of this Indenture.

Section 11.02 Application of Trust Money.

Subject to the provisions of Section 8.06, all money or Government Securities deposited with the Trustee pursuant to Section 11.01 shall be held in trust and applied by it, in accordance with the provisions of the Notes and this Indenture, to the payment, either directly or through any Paying Agent (including the Issuer acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal, premium, if any, and interest for whose payment such money or Government Securities have been deposited with the Trustee; but such money or Government Securities need not be segregated from other funds except to the extent required by law.

If the Trustee or Paying Agent is unable to apply any money or Government Securities in accordance with Section 11.01 by reason of any legal proceeding or by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, the Issuer's and any Guarantor's obligations under this Indenture and the Notes shall be revived and reinstated as though no deposit had occurred pursuant to Section 11.01; *provided* that if the Issuer has made any payment of principal of, premium on, if any, or interest on, any Notes because of the reinstatement of their obligations, the Issuer shall be subrogated to the rights of the Holders of such Notes to receive such payment from the money or Government Securities held by the Trustee or Paying Agent.

Notwithstanding the above, the Trustee shall pay to the Issuer from time to time upon its request any money or Government Securities held by it as provided in this Section 11.02 which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification delivered to the Trustee, are in excess of the amount thereof that would then be required to be deposited to effect satisfaction and discharge under this Article 11.

Any money or Government Securities deposited with the Trustee or any Paying Agent, or then held by the Issuer, in trust for the payment of the principal of, premium or interest on any Note and remaining unclaimed for two years after such principal, and premium, if any, or interest has become due and payable shall be paid to the Issuer on its request or (if then held by the Issuer) shall be discharged from such trust; and the Holder of such Note shall thereafter look only to the Issuer for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Issuer as trustee thereof, shall thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may, at the expense of the Issuer, cause to be published once, in *The New York Times* or *The Wall Street Journal* (national edition), notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining shall be repaid to the Issuer.

ARTICLE 12
MISCELLANEOUS

Section 12.01 *Trust Indenture Act Controls.*

If any provision of this Indenture limits, qualifies or conflicts with the duties imposed by TIA §318(c), the imposed duties will control. If any provision hereof limits, qualifies or conflicts with a provision of the TIA which is required to be a part of and govern this Indenture, such required provision of the TIA shall control. If any provision of this Indenture modifies or excludes any provision of the TIA that may be so modified or excluded, the provision of the TIA shall be deemed to apply to this Indenture as so modified or shall be excluded, as the case may be.

Section 12.02 *Notices.*

Any notice or communication by the Issuer, any Guarantor or the Trustee to the others is duly given if in writing in the English language and delivered in Person or by first class mail (registered or certified, return receipt requested), electronic image scan, facsimile transmission or overnight air courier guaranteeing next day delivery, to the others' address:

If to any of the Issuer and the Guarantors:

Range Resources Corporation
100 Throckmorton Street, Suite 1200
Fort Worth, Texas 76102
Facsimile No.: (817) 869-4254
Attention: Chief Financial Officer

If to the Trustee:

U.S. Bank National Association
13737 Noel Rd Suite 800
Dallas, TX 75240
Facsimile No.: (972) 581-1670
Attention: Corporate Trust Services

The Issuer, any Guarantor or the Trustee, by notice to the others, may designate additional or different addresses for subsequent notices or communications. Notices given by publication will be deemed given on the first date on which publication is made.

All notices and communications (other than those sent to Holders) will be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; when receipt acknowledged, if transmitted by electronic image scan or facsimile; and the next Business Day after timely delivery to the courier, if sent by overnight air courier guaranteeing next day delivery.

Any notice or communication to a Holder will be mailed by first class mail, certified or registered, return receipt requested, or by overnight air courier guaranteeing next day delivery, to its address shown on the register kept by the Registrar. Any notice or communication will also be so mailed to any Person described in TIA §313(c), to the extent required by the TIA. Failure to mail a notice or communication to a Holder or any defect in it will not affect its sufficiency with respect to other Holders.

If a notice or communication is mailed in the manner provided above within the time prescribed, it is duly given, whether or not the addressee receives it.

If the Issuer mails a notice or communication to Holders, the Issuer will mail a copy to the Trustee and each Agent at the same time.

In case by reason of the suspension of regular mail service or by reason of any other cause it shall be impracticable to give such notice by mail, then such notification as shall be made with the approval of the Trustee shall constitute a sufficient notification for every purpose hereunder.

Where this Indenture provides for notice in any manner, such notice may be waived in writing by the Person entitled to receive such notice, either before or after the event, and such waiver shall be the equivalent of such notice. Waivers of notice by the Holders shall be filed with the Trustee, but such filing shall not be a condition precedent to the validity of any action taken in reliance upon such waiver.

Where this Indenture provides for notice of any event to a Holder of a Global Note, such notice shall be sufficiently given if given to the Depository for such Note (or its designee), pursuant to its Applicable Procedures, not later than the latest date (if any), and not earlier than the earliest date (if any), prescribed for the giving of such notice.

Section 12.03 Communication by Holders of Notes with Other Holders of Notes.

Holders may communicate pursuant to TIA §312(b) with other Holders with respect to their rights under this Indenture or the Notes. The Issuer, the Trustee, the Registrar and anyone else shall have the protection of TIA §312(c).

Section 12.04 Certificate and Opinion as to Conditions Precedent.

Upon any request or application by the Issuer to the Trustee to take any action under this Indenture, the Issuer shall furnish to the Trustee:

(a) an Officers' Certificate in form and substance reasonably satisfactory to the Trustee (which must include the statements set forth in Section 12.05) stating that, in the opinion of the signers, all conditions precedent and covenants, if any, provided for in this Indenture relating to the proposed action have been satisfied; and

(b) an Opinion of Counsel in form and substance reasonably satisfactory to the Trustee (which must include the statements set forth in Section 12.05) stating that, in the opinion of such counsel, all such conditions precedent and covenants have been satisfied.

Section 12.05 Statements Required in Certificate or Opinion.

Each certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture (other than a certificate provided pursuant to TIA §314(a)(4)) must comply with the provisions of TIA §314(e) and must include:

(a) a statement that the person making such certificate or opinion has read such covenant or condition;

(b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based;

(c) a statement that, in the opinion of such person, he or she has made such examination or investigation as is necessary to enable him or her to express an informed opinion as to whether or not such covenant or condition has been satisfied; and

(d) a statement as to whether or not, in the opinion of such person, such condition or covenant has been satisfied.

In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Any certificate or opinion of an Officer with respect to any Person may be based, insofar as it relates to legal matters, upon a certificate or opinion of, or representations by, counsel, unless such Officer knows, or in the exercise of reasonable care should know, that the certificate or opinion or representations with respect to the matters upon which his certificate or opinion is based are erroneous. Any such certificate or opinion of, or representation by, counsel may be based, insofar as it relates to factual matters, upon certificates of public officials or upon a certificate or opinion of, or representations by, an Officer or Officers with respect to any Person stating that the information with respect to such factual matters is in the possession of such Person (or, if such Person is a limited partnership, such Person's general partner) unless such counsel knows, or in the exercise of reasonable care should know, that the certificate or opinion or representations with respect to such matters are erroneous.

Where any Person is required to make, give or execute two or more applications, requests, consents, certificates, statements, opinions or other instruments under this Indenture, they may, but need not, be consolidated and form one instrument.

Section 12.06 Rules by Trustee and Agents.

The Trustee may make reasonable rules for action by or at a meeting of Holders. The Registrar or Paying Agent may make reasonable rules and set reasonable requirements for its functions.

Section 12.07 No Personal Liability of Directors, Officers, Employees and Members.

No past, present or future director, officer, partner, employee, incorporator, member, manager, unitholder or other owner of the Capital Stock of the Issuer or any Guarantor, as such, will have any liability for any obligations of the Issuer or the Guarantors under the Notes, this Indenture or the Guarantees or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder of Notes by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the Notes.

Section 12.08 Governing Law.

THE INDENTURE, THE NOTES AND THE GUARANTEES WILL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

Section 12.09 No Adverse Interpretation of Other Agreements.

This Indenture may not be used to interpret any other indenture, loan or debt agreement of the Issuer or its Subsidiaries or of any other Person. Any such indenture, loan or debt agreement may not be used to interpret this Indenture.

Section 12.10 Successors.

All agreements of the Issuer in this Indenture and the Notes will bind its successors. All agreements of the Trustee in this Indenture will bind its successors. All agreements of each Guarantor in this Indenture will bind its successors, except as otherwise provided in Section 10.05.

Section 12.11 Severability.

In case any provision in this Indenture or in the Notes is invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions will not in any way be affected or impaired thereby.

Section 12.12 Counterpart Originals.

The parties may sign any number of copies of this Indenture, and each party hereto may sign any number of separate copies of this Indenture. Each signed copy shall be an original, but all of them together represent the same agreement. The exchange of copies of this Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

Section 12.13 *Table of Contents, Headings, etc.*

The Table of Contents, Cross-Reference Table and headings of the Articles and Sections of this Indenture have been inserted for convenience of reference only, are not to be considered a part of this Indenture and will in no way modify or restrict any of the terms or provisions hereof.

Section 12.14 *Payment Date Other Than a Business Day.*

If any payment with respect to any principal of, premium on, if any, or interest on, any Note is due on a day which is not a Business Day, then the payment need not be made on such date, but may be made on the next Business Day with the same force and effect as if made on such date, and no interest will accrue for the intervening period.

Section 12.15 *Action by Holders.*

(a) Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given, made or taken by the Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such Holders in person or by agents duly appointed in writing, and may be given, made or taken in connection with a purchase of, or tender offer or exchange offer for, outstanding Notes; and, except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments are delivered to the Trustee and, where it is hereby expressly required, to the Issuer. Such instrument or instruments (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments. Proof of execution of any such instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and conclusive in favor of the Trustee and the Issuer if made in the manner provided in this Section 12.15.

Without limiting the generality of this Section 12.15, unless otherwise provided in or pursuant to this Indenture, (i) a Holder, including a Depository or its nominee that is a Holder of a Global Note, may give, make or take, by an agent or agents duly appointed in writing, any request, demand, authorization, direction, notice, consent, waiver or other Act provided in or pursuant to this Indenture to be given, made or taken by the Holders, and a Depository or its nominee that is a Holder of a Global Note may duly appoint in writing as its agent or agents members of, or participants in, such Depository holding interests in such Global Note in the records of such Depository; and (ii) with respect to any Global Note the Depository for which is DTC, any consent or other action given, made or taken by an "agent member" of DTC by electronic means in accordance with the Automated Tender Offer Procedures system or other customary procedures of, and pursuant to authorization by, DTC shall be deemed to constitute the "Act" of the Holder of such Global Note, and such Act shall be deemed to have been delivered to the Issuer and the Trustee upon the delivery by DTC of an "agent's message" or other notice of such consent or other action having been so given, made or taken in accordance with the customary procedures of DTC.

(b) The fact and date of the execution by any Person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgments of deeds, certifying that the individual signing such instrument or writing acknowledged to such witness, notary or officer the execution thereof. Where such execution is by a signer acting in a capacity other than his individual capacity, such certificate or affidavit shall also constitute sufficient proof of authority. The fact and date of the execution of any such instrument or writing, or the authority of the Person executing the same, may also be proved in any other manner which the Trustee deems sufficient.

(c) Notwithstanding anything to the contrary contained in this Section 12.15 or elsewhere in this Indenture, the principal amount and serial numbers of Notes held by any Holder, and the date of holding the same, shall be proved by the register of the Notes maintained by the Registrar as provided in Section 2.03.

(d) If the Issuer shall solicit from the Holders of the Notes any request, demand, authorization, direction, notice, consent, waiver or other Act, the Issuer may, at its option, by or pursuant to a resolution of its Board of Directors, fix in advance a record date for the determination of the Holders entitled to give, make or take such request, demand, authorization, direction, notice, consent, waiver or other Act, but the Issuer shall have no obligation to do so. Notwithstanding TIA §316(c), such record date shall be the record date specified in or pursuant to such resolution, which shall be a date not earlier than the date 30 days prior to the first solicitation of the Holders generally in connection therewith or the date of the most recent list of the Holders forwarded to the Trustee prior to such solicitation pursuant to Section 2.05 and not later than the date such solicitation is completed. If such a record date is fixed, then notwithstanding the second sentence of Section 9.04, any instrument embodying and evidencing such request, demand, authorization, direction, notice, consent, waiver or other Act may be executed before or after such record date, but only the Holders of record at the close of business on such record date (whether or not such Persons were Holders before, or continue to be Holders after, such record date) shall be deemed to be Holders for the purposes of determining whether Holders of the requisite proportion of the then outstanding Notes have given, made or taken such request, demand, authorization, direction, notice, consent, waiver or other Act, and (except to the extent otherwise required by the TIA) for that purpose the then outstanding Notes shall be computed as of such record date; *provided* that no such Act by the Holders of record on any record date shall be deemed effective unless it shall become effective pursuant to the provisions of this Indenture not later than eleven months after such record date.

(e) Subject to Section 9.04, any request, demand, authorization, direction, notice, consent, waiver or other Act of the Holder of any Note shall bind every future Holder of the same Note and the Holder of every Note issued upon the registration or transfer thereof or in exchange therefor or in lieu thereof in respect of anything done, omitted or suffered to be done by the Trustee or the Issuer in reliance thereon, whether or not notation of such action is made upon such Note.

(f) Without limiting the foregoing, a Holder entitled hereunder to give, make or take any action hereunder with regard to any particular Note may do so itself with regard to all or any part of the principal amount of such Note or by one or more duly appointed agents each of which may do so pursuant to such appointment with regard to all or any part of such principal amount.

(g) For purposes of this Indenture, any action by the Holders which may be taken in writing may be taken by electronic means or as otherwise reasonably acceptable to the Trustee.

Section 12.16 *Benefit of Indenture.*

Nothing in this Indenture or in the Notes, express or implied, shall give to any Person, other than the parties hereto, any Paying Agent, any Registrar and their successors hereunder, and the Holders, any benefit or any legal or equitable right, remedy or claim under this Indenture.

Section 12.17 *Language of Notices, Etc.*

Any request, demand, authorization, direction, notice, consent, waiver or Act required or permitted under this Indenture shall be in the English language, except that any published notice may be in an official language of the country of publication.

[Signatures on following page]

SIGNATURES

Dated as of January 24, 2020

RANGE RESOURCES CORPORATION,
a Delaware corporation,

By: /s/ Mark S. Scucchi
Name: Mark S. Scucchi
Title: Senior Vice President and Chief Financial Officer

RANGE RESOURCES-PINE MOUNTAIN, INC.
RANGE RESOURCES-MIDCONTINENT, LLC
RANGE PRODUCTION COMPANY, LLC
RANGE RESOURCES—APPALACHIA, LLC
RANGE RESOURCES—LOUISIANA, INC.
RANGE LOUISIANA OPERATING, LLC

By: /s/ Mark S. Scucchi
Name: Mark S. Scucchi
Title: Senior Vice President and Chief Financial Officer

[Signature Page to Indenture]

U.S. BANK NATIONAL ASSOCIATION,
as Trustee

By: /s/ Brian Jensen

Name: Brian Jensen

Title: Authorized Signatory

[Signature Page to Indenture]

[Face of Note]

CUSIP []

9.25% Senior Notes due 2026

No. _____

\$ _____

RANGE RESOURCES CORPORATION

promises to pay, to _____ or registered assigns, the principal sum of _____ DOLLARS [or such greater or lesser amount as may be indicated on the attached Schedule of Increases or Decreases of Interests in the Global Note] on February 1, 2026.

Interest Payment Dates: February 1 and August 1

Record Dates: January 15 and July 15

Dated: _____, 20[•]

RANGE RESOURCES CORPORATION

By: _____

Name:

Title:

Certificate of Authentication:

This is one of the Notes referred to in the within-mentioned Indenture:

U.S. Bank National Association,
as Trustee

By: _____

Authorized Signatory

9.25% Senior Notes due 2026

[Insert the Global Note Legend, if applicable pursuant to the provisions of the Indenture]

[Insert the Private Placement Legend, if applicable pursuant to the provisions of the Indenture]

Capitalized terms used herein have the meanings assigned to them in the Indenture referred to below unless otherwise indicated.

(1) *INTEREST.* Range Resources Corporation, a Delaware corporation (the “*Issuer*”), promises to pay or cause to be paid interest on the principal amount of this Note at a rate of 9.250% per annum. The Issuer will pay interest semi-annually in arrears on February 1 and August 1 of each year, or if any such day is not a Business Day, on the next succeeding Business Day (each, an “*Interest Payment Date*”); *provided* that the first Interest Payment Date shall be August 1, 2020. Interest on the Notes will accrue from the most recent date to which interest has been paid or, if no interest has been paid, from the date of issuance; *provided* that, if there is no existing Default in the payment of interest, and if this Note is authenticated between a record date referred to on the face hereof and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date. The Issuer will pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue principal and premium, if any, from time to time on demand at a rate that is equal to the then applicable interest rate on the Notes to the extent lawful; the Issuer will pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue installments of interest (without regard to any applicable grace period), from time to time on demand at the same rate to the extent lawful. [All references in the Indenture or this Note to “interest” shall be deemed to include Additional Interest, if any, unless the context requires otherwise. The Issuer will pay all Additional Interest, if any, in the same manner on the dates and in the amounts set forth in the applicable Registration Rights Agreement.]¹

Interest will be computed on the basis of a 360-day year comprised of twelve 30-day months.

(2) *METHOD OF PAYMENT.* The Issuer will pay interest on the Notes (except defaulted interest) to the Persons who are registered Holders of Notes at the close of business on the January 15 and July 15 next preceding the Interest Payment Date, even if such Notes are canceled after such record date and on or before such Interest Payment Date, except as provided in Section 2.12 of the Indenture with respect to defaulted interest. The Notes will be payable as to principal, premium, if any, and interest, at the office or agency of the Issuer maintained for such purpose within the City and State of New York, or, at the option of the Issuer, payment of interest, may be made by check mailed to the Holders at their addresses set forth in the register of Holders; *provided* that payment by wire transfer of immediately available funds will be required with respect to principal of, and interest and premium, if any, on, all Global Notes and all other Notes the Holders of which will have provided wire transfer instructions to the Issuer or the Paying Agent. Such payment will be in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts.

¹ For Restricted Notes only.

(3) *PAYING AGENT AND REGISTRAR.* Initially, U.S. Bank National Association, the Trustee under the Indenture, will act as Paying Agent and Registrar. The Issuer may change the Paying Agent or Registrar without notice to any Holder. The Issuer or any of its Subsidiaries may act as Paying Agent or Registrar.

(4) *INDENTURE.* The Issuer issued the Notes under an Indenture dated as of January 24, 2020 (the “*Indenture*”) among the Issuer, the Guarantors and the Trustee. The terms of the Notes include those stated in the Indenture and, those made part of the Indenture by reference to the TIA. The Notes are subject to all such terms, and Holders are referred to the Indenture and such Act for a statement of such terms. To the extent any provision of this Note conflicts with the express provisions of the Indenture, the provisions of the Indenture shall govern and be controlling. The Notes are unsecured obligations of the Issuer. The Indenture does not limit the aggregate principal amount of Notes that may be issued thereunder.

(5) *OPTIONAL REDEMPTION.*

(a) At any time prior to February 1, 2022, the Issuer may on any one or more occasions redeem up to 35% of the aggregate principal amount of the Notes (including, without limitation, any Additional Notes) in an amount not greater than the net cash proceeds of one or more Equity Offerings by the Issuer, upon notice as provided in the Indenture, at a redemption price equal to 109.250% of the principal amount of the Notes redeemed, plus accrued and unpaid interest to the date of redemption (subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date); *provided* that (1) at least 65% of the aggregate principal amount of Notes originally issued on the date of the Indenture (excluding Notes held by the Issuer and its Subsidiaries) remains outstanding immediately after the occurrence of such redemption; and (2) the redemption occurs within 180 days of the date of the closing of such Equity Offering.

(b) At any time prior to February 1, 2022, the Issuer may on any one or more occasions redeem all or a part of the Notes, upon notice as provided in the Indenture, at a redemption price equal to 100% of the principal amount of the Notes redeemed, plus the Applicable Premium as of, and accrued and unpaid interest to the date of redemption, subject to the rights of Holders on the relevant record date to receive interest due on the relevant Interest Payment Date.

(c) The Issuer may redeem all (but not a portion of) the Notes when permitted by, and pursuant to the conditions in, Section 4.15(f) of the Indenture.

(d) Except pursuant to the preceding paragraphs, the Notes will not be redeemable at the Issuer’s option prior to February 1, 2022.

(e) On and after February 1, 2022, the Issuer may on any one or more occasions redeem all or a part of the Notes, upon notice as provided in the Indenture, at the redemption prices (expressed as percentages of principal amount) set forth below, plus accrued and unpaid interest on the Notes redeemed, to the applicable redemption date, subject to the rights of Holders on the relevant record date to receive interest on the relevant Interest Payment Date, if redeemed during the twelve-month period beginning on February 1 of the years indicated below:

<u>Year</u>	<u>Percentage</u>
2022	106.938%
2023	104.625%
2024	102.313%
2025 and thereafter	100.000%

(6) **MANDATORY REDEMPTION.** The Issuer is not required to make mandatory redemption or sinking fund payments with respect to the Notes.

(7) **REPURCHASE AT THE OPTION OF HOLDER.**

(a) If there is a Change of Control Triggering Event, the Issuer will be required to make a cash tender offer (a “*Change of Control Offer*”) to each Holder to repurchase all or any part (equal to \$2,000 or an integral multiple of \$1,000 in excess thereof) of each Holder’s Notes at a purchase price in cash equal to 101% of the aggregate principal amount thereof plus accrued and unpaid interest thereon to the date of purchase, subject to the rights of Holders on the relevant record date to receive interest due on the relevant Interest Payment Date (the “*Change of Control Payment*”). Within 30 days following any Change of Control Triggering Event, the Issuer will mail a notice to each Holder setting forth the procedures governing the Change of Control Offer as required by the Indenture.

(b) If the Issuer or a Restricted Subsidiary of the Issuer consummates any Asset Sales, within five days of each date on which the aggregate amount of Excess Proceeds exceeds \$50.0 million, the Issuer will make an Asset Sale Offer to all Holders of Notes and all holders of other Indebtedness that is *pari passu* with the Notes containing provisions similar to those set forth in the Indenture with respect to offers to purchase, prepay or redeem with the proceeds of sales of assets to purchase, prepay or redeem, on a *pro rata* basis (based on principal amounts of Notes and *pari passu* Indebtedness (or, in the case of *pari passu* Indebtedness issued with significant original issue discount, based on the accreted value thereof) tendered), the maximum principal amount of Notes and such other *pari passu* Indebtedness (plus all accrued interest on the Indebtedness and the amount of all fees and expenses, including premiums, incurred in connection therewith) that may be purchased, prepaid or redeemed out of the Excess Proceeds. The offer price in any Asset Sale Offer will be equal to 100% of the principal amount, plus accrued and unpaid interest to the date of purchase, prepayment or redemption, subject to the rights of Holders of Notes on the relevant record date to receive interest due on the relevant Interest Payment Date, and will be payable in cash. If any Excess Proceeds remain after consummation of an Asset Sale Offer, the Issuer or any Restricted Subsidiary may use those Excess Proceeds for any

purpose not otherwise prohibited by the Indenture. If the aggregate principal amount of Notes tendered in such Asset Sale Offer exceeds the amount of Excess Proceeds allocated to the purchase of Notes, the Trustee will select the Notes to be purchased on a *pro rata* basis (except as provided in Section 4.10 of the Indenture with respect to Global Notes), based on the amounts tendered. Upon completion of each Asset Sale Offer, the amount of Excess Proceeds will be reset at zero. Holders of Definitive Notes that are the subject of an offer to purchase will receive an Asset Sale Offer from the Issuer prior to any related purchase date and may elect to have such Notes purchased by completing the form entitled “*Option of Holder to Elect Purchase*” attached to the Notes.

(8) *NOTICE OF REDEMPTION*. At least 15 days but not more than 60 days before a redemption date, the Issuer will mail or cause to be mailed, by first class mail (or sent electronically if DTC is the recipient), a notice of redemption to each Holder whose Notes are to be redeemed at its registered address, except that redemption notices may be given more than 60 days prior to a redemption date if the notice is issued in connection with a defeasance of the Notes or a satisfaction and discharge of the Indenture pursuant to Article 8 or 11 thereof. Notes and portions of Notes selected will be in amounts of \$2,000 or integral multiples of \$1,000 in excess thereof.

(9) *DENOMINATIONS, TRANSFER, EXCHANGE*. The Notes are in registered form in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The transfer of Notes may be registered and Notes may be exchanged as provided in the Indenture. The Registrar and the Trustee may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and the Issuer may require a Holder to pay any taxes or similar governmental charges required by law or permitted by the Indenture. The Issuer need not exchange or register the transfer of any Note or portion of a Note selected for redemption, except for the unredeemed portion of any Note being redeemed in part. Also, the Issuer need not exchange or register the transfer of any Notes for a period of 15 days before a selection of Notes to be redeemed or during the period between a record date and the next succeeding Interest Payment Date.

(10) *PERSONS DEEMED OWNERS*. The registered Holder of a Note may be treated as the owner of it for all purposes. Only registered Holders have rights under the Indenture.

(11) *AMENDMENT, SUPPLEMENT AND WAIVER*. Subject to certain exceptions, the Indenture, the Notes or the Guarantees may be amended or supplemented with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes including Additional Notes, if any, voting as a single class, and any existing Default or Event of Default or compliance with any provision of the Indenture or the Notes or the Guarantees may be waived with the consent of the Holders of a majority in aggregate principal amount of the then outstanding Notes voting as a single class. Without the consent of any Holder of Notes, the Indenture, the Notes or the Guarantees may be amended or supplemented as provided in the Indenture.

(12) *DEFAULTS AND REMEDIES*. In the case of an Event of Default arising from certain events of bankruptcy or insolvency with respect to the Issuer as specified in the Indenture, any Restricted Subsidiary of the Issuer that is a Significant Subsidiary or any group of Restricted Subsidiaries of the Issuer that, taken together, would constitute a Significant Subsidiary, the outstanding principal of and accrued and unpaid interest, if any, on, all outstanding Notes will become due and payable immediately without further action or notice. If any other Event of Default occurs and is continuing, the Trustee or the Holders of at least 25% in aggregate principal amount of the then outstanding Notes may declare the outstanding principal of and accrued and unpaid interest, if any, on, all outstanding Notes to be due and payable immediately. Holders may not enforce the Indenture or the Notes except as provided in the Indenture. Subject to certain limitations, Holders of a majority in aggregate principal amount of the then outstanding Notes may direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee or exercising any trust or power conferred on it. The Holders of a majority in aggregate principal amount of the then outstanding Notes by notice to the Trustee may, on behalf of all the Holders, rescind an acceleration or waive an existing Default or Event of Default and its consequences under the Indenture, if the rescission would not conflict with a judgment or decree, except a continuing Default or Event of Default in the payment of principal of, premium on, if any, or interest on, the Notes or as otherwise specified in the Indenture.

(13) *TRUSTEE DEALINGS WITH ISSUER*. The Trustee, in its individual or any other capacity, may make loans to, accept deposits from, and perform services for the Issuer or its Affiliates, and may otherwise deal with the Issuer or its Affiliates, as if it were not the Trustee.

(14) *NO RECOURSE AGAINST OTHERS*. No past, present or future director, officer, partner, employee, incorporator, manager or unitholder or other owner of Capital Stock of the Issuer or any Guarantor, as such, will have any liability for any obligations of the Issuer or the Guarantors under the Notes, the Indenture, the Guarantees or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder of Notes by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the Notes.

(15) *AUTHENTICATION*. This Note will not be valid until authenticated by the manual signature of the Trustee or an authenticating agent.

(16) *ABBREVIATIONS*. Customary abbreviations may be used in the name of a Holder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN (= joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

(17) *[ADDITIONAL RIGHTS OF HOLDERS OF RESTRICTED GLOBAL NOTES AND RESTRICTED DEFINITIVE NOTES]*. In addition to the rights provided to Holders of Notes under the Indenture, Holders of Restricted Global Notes and Restricted Definitive Notes will have all the rights set forth in the Registration Rights Agreement dated as of January 24, 2020, among the Issuer, the Guarantors and the other parties named on the signature pages thereof or, in the case of Additional Notes, Holders of Restricted Global Notes and Restricted Definitive Notes will have the rights set forth in one or more registration rights agreements, if any, among the Issuer, the Guarantors and the other parties thereto, relating to rights given by the Issuer and the Guarantors to the purchasers of any Additional Notes (collectively, the “*Registration Rights Agreement*”).]

2 For Restricted Notes only.

(18) *CUSIP NUMBERS*. Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Issuer has caused CUSIP numbers to be printed on the Notes, and the Trustee may use CUSIP numbers in notices of redemption as a convenience to Holders. No representation is made as to the accuracy of such numbers either as printed on the Notes or as contained in any notice of redemption, and reliance may be placed only on the other identification numbers placed thereon.

(19) *GOVERNING LAW*. THE INDENTURE, THE NOTES AND THE GUARANTEES WILL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

The Issuer will furnish to any Holder upon written request and without charge a copy of the Indenture. Requests may be made to:

Range Resources Corporation
100 Throckmorton Street, Suite 1200
Fort Worth, TX 76102
Facsimile No.: (817) 869-4254
Attention: Chief Financial Officer

ASSIGNMENT FORM

To assign this Note, fill in the form below:

(I) or (we) assign and transfer this Note to: _____
(Insert assignee's legal name)

(Insert assignee's soc. sec. or tax I.D. no.)

(Print or type assignee's name, address and zip code)

and irrevocably appoint _____
to transfer this Note on the books of the Issuer. The agent may substitute another to act for him.

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this
Note)

Signature Guarantee*: _____

* Participant in a recognized Signature Guarantee Medallion Program (or other signature guarantor acceptable to the Trustee).

OPTION OF HOLDER TO ELECT PURCHASE

If you want to elect to have this Note purchased by the Issuer pursuant to Section 4.10 or 4.15 of the Indenture, check the appropriate box below:

Section 4.10

Section 4.15

If you want to elect to have only part of the Note purchased by the Issuer pursuant to Section 4.10 or Section 4.15 of the Indenture, state the amount you elect to have purchased:

\$ _____

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this Note)

Tax Identification No.: _____

Signature Guarantee*: _____

* Participant in a recognized Signature Guarantee Medallion Program (or other signature guarantor acceptable to the Trustee).

SCHEDULE OF INCREASES OR DECREASES OF INTERESTS IN THE GLOBAL NOTE *

The following increases or decreases in principal amount of this Global Note have been made:

<u>Date of Increase or Decrease</u>	<u>Amount of decrease in Principal Amount of this Global Note</u>	<u>Amount of increase in Principal Amount of this Global Note</u>	<u>Principal Amount of this Global Note following such decrease (or increase)</u>	<u>Signature of authorized officer of Trustee or Custodian</u>
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* *This schedule should be included only if the Note is issued in global form.*

FORM OF CERTIFICATE OF TRANSFER

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

U.S. Bank National Association
 13737 Noel Rd Suite 800
 Dallas, TX 75240
 Facsimile No.: (972) 581-1670
 Attention: Corporate Trust Services

Re: 9.25% Senior Notes due 2026

Reference is hereby made to the Indenture, dated as of January 24, 2020 (the “*Indenture*”), among Range Resources Corporation, a Delaware corporation (the “*Issuer*”), the Guarantors party thereto and U.S. Bank National Association, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

_____ (the “*Transferor*”) owns and proposes to transfer the Note[s] or interest in such Note[s] specified in Annex A hereto, in the principal amount of \$_____ in such Note[s] or interests (the “*Transfer*”), to _____ (the “*Transferee*”), as further specified in Annex A hereto. In connection with the Transfer, the Transferor hereby certifies that:

[CHECK ALL THAT APPLY]

1. **Check if Transferee will take delivery of a beneficial interest in the 144A Global Note or a Restricted Definitive Note pursuant to Rule 144A.** The Transfer is being effected pursuant to and in accordance with Rule 144A under the Securities Act of 1933, as amended (the “*Securities Act*”), and, accordingly, the Transferor hereby further certifies that the beneficial interest or Definitive Note is being transferred to a Person that the Transferor reasonably believes is purchasing the beneficial interest or Definitive Note for its own account, or for one or more accounts with respect to which such Person exercises sole investment discretion, and such Person and each such account is a “qualified institutional buyer” within the meaning of Rule 144A in a transaction meeting the requirements of Rule 144A, and such Transfer is in compliance with any applicable blue sky securities laws of any state of the United States. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the 144A Global Note and/or the Restricted Definitive Note and in the Indenture and the Securities Act.

2. **Check if Transferee will take delivery of a beneficial interest in the Regulation S Global Note or a Restricted Definitive Note pursuant to Regulation S.** The Transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and, accordingly, the Transferor hereby further certifies that (i) the Transfer is not being made to a Person in the United States and (x) at the time the buy order was originated, the Transferee was outside the United States or such Transferor and any Person acting on its behalf reasonably believed and believes that the Transferee was outside the United States or (y) the transaction was executed in, on or through the facilities of a designated offshore securities market and neither such Transferor nor any Person acting on its behalf knows that the transaction was prearranged with a buyer in the United States, (ii) no directed selling efforts have been made in contravention of the requirements of Rule 903(b) or Rule 904(b) of Regulation S under the Securities Act, and (iii) the transaction is not part of a plan or scheme to evade the registration requirements of the Securities Act. Upon consummation of the proposed transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on Transfer enumerated in the Private Placement Legend printed on the Regulation S Global Note and/or the Restricted Definitive Note and in the Indenture and the Securities Act.

3. **Check and complete if, among other things, Transferee will take delivery of a beneficial interest in the IAI Global Note or a Restricted Definitive Note pursuant to any provision of the Securities Act other than Rule 144A or Regulation S.** The Transfer is being effected in compliance with the transfer restrictions applicable to beneficial interests in Restricted Global Notes and Restricted Definitive Notes and pursuant to and in accordance with the Securities Act and any applicable blue sky securities laws of any state of the United States, and accordingly the Transferor hereby further certifies that (check one):

(a) such Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act;

or

(b) such Transfer is being effected to the Issuer or a subsidiary thereof;

or

(c) such Transfer is being effected pursuant to an effective registration statement under the Securities Act and in compliance with the prospectus delivery requirements of the Securities Act;

or

(d) such Transfer is being effected to an Institutional Accredited Investor and pursuant to an exemption from the registration requirements of the Securities Act other than Rule 144A, Rule 144, Rule 903 or Rule 904, and the Transferor hereby further certifies that it has not engaged in any general solicitation within the meaning of Regulation D under the Securities Act and the Transfer complies with the transfer restrictions applicable to beneficial interests in a Restricted Global Note or Restricted Definitive Notes and the requirements of the exemption claimed, which certification is supported by (1) a certificate executed by the Transferee in the form of Exhibit D to the

Indenture and (2) an Opinion of Counsel provided by the Transferor or the Transferee (a copy of which the Transferor has attached to this certification), to the effect that such Transfer is in compliance with the Securities Act. Upon consummation of the proposed transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the IAI Global Note and/or the Restricted Definitive Notes and in the Indenture and the Securities Act.

4. **Check if Transferee will take delivery of a beneficial interest in an Unrestricted Global Note or an Unrestricted Definitive Note.**

(a) **Check if Transfer is pursuant to Rule 144.** (i) The Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any state of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes, on Restricted Definitive Notes and in the Indenture.

(b) **Check if Transfer is Pursuant to Regulation S.** (i) The Transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any state of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes, on Restricted Definitive Notes and in the Indenture.

(c) **Check if Transfer is Pursuant to Other Exemption.** (i) The Transfer is being effected pursuant to and in compliance with an exemption from the registration requirements of the Securities Act other than Rule 144, Rule 903 or Rule 904 and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any State of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will not be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes or Restricted Definitive Notes and in the Indenture.

This certificate and the statements contained herein are made for your benefit and the benefit of the Issuer.

[Insert Name of Transferor]

By: _____

Name:

Title:

Dated: _____

1. The Transferor owns and proposes to transfer the following:

[CHECK ONE OF (a) OR (b)]

- (a) a beneficial interest in the:
 - (i) 144A Global Note (CUSIP _____), or
 - (ii) Regulation S Global Note (CUSIP _____), or
 - (iii) IAI Global Note (CUSIP _____); or
- (b) a Restricted Definitive Note.

2. After the Transfer the Transferee will hold:

[CHECK ONE]

- (a) a beneficial interest in the:
 - (i) 144A Global Note (CUSIP _____), or
 - (ii) Regulation S Global Note (CUSIP _____), or
 - (iii) IAI Global Note (CUSIP _____); or
 - (iv) Unrestricted Global Note (CUSIP _____); or
- (b) a Restricted Definitive Note; or
- (c) an Unrestricted Definitive Note,
in accordance with the terms of the Indenture.

FORM OF CERTIFICATE OF EXCHANGE

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

U.S. Bank National Association
 13737 Noel Rd Suite 800
 Dallas, TX 75240
 Facsimile No.: (972) 581-1670
 Attention: Corporate Trust Services

Re: 9.25% Senior Notes due 2026

(CUSIP [])

Reference is hereby made to the Indenture, dated as of January 24, 2020 (the “*Indenture*”), among Range Resources Corporation, a Delaware corporation (the “*Issuer*”), the Guarantors party thereto and U.S. Bank National Association, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

_____ (the “*Owner*”) owns and proposes to exchange the Note[s] or interest in such Note[s] specified herein, in the principal amount of \$_____ in such Note[s] or interests (the “*Exchange*”). In connection with the Exchange, the Owner hereby certifies that:

1. Exchange of Restricted Definitive Notes or Beneficial Interests in a Restricted Global Note for Unrestricted Definitive Notes or Beneficial Interests in an Unrestricted Global Note

(a) **Check if Exchange is from beneficial interest in a Restricted Global Note to beneficial interest in an Unrestricted Global Note.** In connection with the Exchange of the Owner’s beneficial interest in a Restricted Global Note for a beneficial interest in an Unrestricted Global Note in an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner’s own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Global Notes and pursuant to and in accordance with the Securities Act of 1933, as amended (the “*Securities Act*”), (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest in an Unrestricted Global Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(b) **Check if Exchange is from beneficial interest in a Restricted Global Note to Unrestricted Definitive Note.** In connection with the Exchange of the Owner’s beneficial interest in a Restricted Global Note for an Unrestricted Definitive Note, the Owner hereby certifies (i) the Definitive Note is being acquired for the Owner’s own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Restricted Global

Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Definitive Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(c) **Check if Exchange is from Restricted Definitive Note to beneficial interest in an Unrestricted Global Note.** In connection with the Owner's Exchange of a Restricted Definitive Note for a beneficial interest in an Unrestricted Global Note, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(d) **Check if Exchange is from Restricted Definitive Note to Unrestricted Definitive Note.** In connection with the Owner's Exchange of a Restricted Definitive Note for an Unrestricted Definitive Note, the Owner hereby certifies (i) the Unrestricted Definitive Note is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Unrestricted Definitive Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

2. Exchange of Restricted Definitive Notes or Beneficial Interests in Restricted Global Notes for Restricted Definitive Notes or Beneficial Interests in Restricted Global Notes

(a) **Check if Exchange is from beneficial interest in a Restricted Global Note to Restricted Definitive Note.** In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Note for a Restricted Definitive Note with an equal principal amount, the Owner hereby certifies that the Restricted Definitive Note is being acquired for the Owner's own account without transfer. Upon consummation of the proposed Exchange in accordance with the terms of the Indenture, the Restricted Definitive Note issued will continue to be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Definitive Note and in the Indenture and the Securities Act.

(b) **Check if Exchange is from Restricted Definitive Note to beneficial interest in a Restricted Global Note.** In connection with the Exchange of the Owner's Restricted Definitive Note for a beneficial interest in the [CHECK ONE] 144A Global Note, Regulation S Global Note, IAI Global Note with an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer and (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Restricted Global Notes and pursuant to and in accordance with the Securities Act, and in compliance with any applicable blue sky securities laws of any state of the United States. Upon consummation of the proposed Exchange in accordance with the terms of the Indenture, the beneficial interest issued will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the relevant Restricted Global Note and in the Indenture and the Securities Act.

This certificate and the statements contained herein are made for your benefit and the benefit of the Issuer.

[Insert Name of Transferor]

By: _____

Name:

Title:

Dated: _____

FORM OF CERTIFICATE FROM
ACQUIRING INSTITUTIONAL ACCREDITED INVESTOR

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

U.S. Bank National Association
13737 Noel Rd Suite 800
Dallas, TX 75240
Facsimile No.: (972) 581-1670
Attention: Corporate Trust Services

Re: 9.25% Senior Notes due 2026

Reference is hereby made to the Indenture, dated as of January 24, 2020 (the "*Indenture*"), among Range Resources Corporation, a Delaware corporation (the "*Issuer*"), the Guarantors party thereto and U.S. Bank National Association, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

In connection with our proposed purchase of \$ _____ aggregate principal amount of:

- (a) a beneficial interest in a Global Note, or
(b) a Definitive Note,

we confirm that:

1. We understand that any subsequent transfer of the Notes or any interest therein is subject to certain restrictions and conditions set forth in the Indenture and the undersigned agrees to be bound by, and not to resell, pledge or otherwise transfer the Notes or any interest therein except in compliance with, such restrictions and conditions and the Securities Act of 1933, as amended (the "*Securities Act*").
2. We understand that the offer and sale of the Notes have not been registered under the Securities Act, and that the Notes and any interest therein may not be offered or sold except as permitted in the following sentence. We agree, on our own behalf and on behalf of any accounts for which we are acting as hereinafter stated, that if we should sell the Notes or any interest therein, we will do so only (A) to the Issuer or any subsidiary thereof, (B) in accordance with Rule 144A under the Securities Act to a "qualified institutional buyer" (as defined therein), (C) to an institutional "accredited investor" (as defined below) that, prior to such transfer, furnishes (or has furnished on its behalf by a U.S. broker-dealer) to you and to the Issuer a signed letter substantially in the form of this letter and, if such transfer is in respect of a principal amount of Notes, at the time of transfer of less than \$250,000, an Opinion of Counsel in form reasonably acceptable to the Issuer to the effect that such transfer is in compliance with the Securities Act, (D) outside the United States in accordance with Rule 904 of Regulation S under the Securities Act, (E) pursuant

to the provisions of Rule 144 under the Securities Act or (F) pursuant to an effective registration statement under the Securities Act, and we further agree to provide to any Person purchasing the Definitive Note or beneficial interest in a Global Note from us in a transaction meeting the requirements of clauses (A) through (E) of this paragraph a notice advising such purchaser that resales thereof are restricted as stated herein.

3. We understand that, on any proposed resale of the Notes or beneficial interest therein, we will be required to furnish to you and the Issuer such certifications, legal opinions and other information as you and the Issuer may reasonably require to confirm that the proposed sale complies with the foregoing restrictions. We further understand that the Notes purchased by us will bear a legend to the foregoing effect.

4. We are an institutional "accredited investor" (as defined in Rule 501(a)(1), (2), (3) or (7) of Regulation D under the Securities Act) and have such knowledge and experience in financial and business matters as to be capable of evaluating the merits and risks of our investment in the Notes, and we and any accounts for which we are acting are each able to bear the economic risk of our or its investment.

5. We are acquiring the Notes or beneficial interest therein purchased by us for our own account or for one or more accounts (each of which is an institutional "accredited investor") as to each of which we exercise sole investment discretion.

You and the Issuer are entitled to rely upon this letter and are irrevocably authorized to produce this letter or a copy hereof to any interested party in any administrative or legal proceedings or official inquiry with respect to the matters covered hereby.

[Insert Name of Accredited Investor]

By: _____

Name:

Title:

Dated: _____

[FORM OF SUPPLEMENTAL INDENTURE
TO BE DELIVERED BY SUBSEQUENT GUARANTORS]

SUPPLEMENTAL INDENTURE (this “*Supplemental Indenture*”), dated as of _____, among _____ (the “*Guaranteeing Subsidiary*”), a subsidiary of Range Resources Corporation, a Delaware corporation (the “*Issuer*”), the other Guarantors (as defined in the Indenture referred to herein) and U.S. Bank National Association, as trustee under the Indenture referred to below (the “*Trustee*”).

W I T N E S S E T H

WHEREAS, the Issuer has heretofore executed and delivered to the Trustee an indenture (the “*Indenture*”), dated as of January 24, 2020 providing for the issuance of 9.25% Senior Notes due 2026 (the “*Notes*”);

WHEREAS, the Indenture provides that under certain circumstances the Guarantoring Subsidiary shall execute and deliver to the Trustee a supplemental indenture pursuant to which the Guarantoring Subsidiary shall unconditionally Guarantee all of the Issuer’s Obligations under the Notes and the Indenture on the terms and conditions set forth herein (the “*Guarantee*”); and

WHEREAS, pursuant to Section 9.01 of the Indenture, the Trustee is authorized to execute and deliver this Supplemental Indenture.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged, the Guarantoring Subsidiary, the other Guarantors, the Issuer and the Trustee mutually covenant and agree for the equal and ratable benefit of the Holders of the Notes as follows:

1. CAPITALIZED TERMS. Capitalized terms used herein without definition shall have the meanings assigned to them in the Indenture.
2. GUARANTEE. The Guarantoring Subsidiary hereby unconditionally Guarantees all of the Issuer’s Obligations under the Notes and the Indenture on the terms and subject to the conditions set forth in the Indenture including but not limited to Article 10 thereof.
3. NO RECOURSE AGAINST OTHERS. No director, officer, partner, employee, incorporator, manager or unitholder or other owner of Capital Stock of the Issuer or any Guarantor, as such, will have any liability for any obligations of the Issuer or the Guarantors under the Notes, the Indenture or the Guarantees or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder of Notes by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the Notes.
4. NEW YORK LAW TO GOVERN. THE SUPPLEMENTAL INDENTURE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

5. COUNTERPARTS. The parties may sign any number of copies of this Supplemental Indenture. Each signed copy shall be an original, but all of them together represent the same agreement.

6. EFFECT OF HEADINGS. The Section headings herein are for convenience only and shall not affect the construction hereof.

7. THE TRUSTEE. The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplemental Indenture or for or in respect of the recitals contained herein, all of which recitals are made solely by the Guaranteeing Subsidiary, the other Guarantors and the Issuer.

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Indenture to be duly executed and attested, all as of the date first above written.

Dated: _____

[GUARANTEEING SUBSIDIARY]

By: _____

Name:

Title:

RANGE RESOURCES CORPORATION

By: _____

Name:

Title:

[EXISTING GUARANTORS]

By: _____

Name:

Title:

U.S. BANK NATIONAL ASSOCIATION,
As Trustee

By: _____

Authorized Signatory

REGISTRATION RIGHTS AGREEMENT

This REGISTRATION RIGHTS AGREEMENT dated January 24, 2020 (this “Agreement”) is entered into by and among Range Resources Corporation, a Delaware corporation (the “Company”), the guarantors listed in Schedule 1 hereto (the “Initial Guarantors”), and BofA Securities, Inc. (the “Representative”).

The Company, the Initial Guarantors and the Representative are parties to the Purchase Agreement dated January 9, 2020 (the “Purchase Agreement”), which provides for the sale by the Company to the Initial Purchasers of \$550,000,000 aggregate principal amount of the Company’s 9.25% Senior Notes due 2026 (the “Securities”) which will be guaranteed on an unsecured senior basis by each of the Guarantors. As an inducement to the Initial Purchasers to enter into the Purchase Agreement, the Company and the Guarantors have agreed to provide to the Initial Purchasers and their direct and indirect transferees the registration rights set forth in this Agreement. The execution and delivery of this Agreement is a condition to the closing under the Purchase Agreement.

In consideration of the foregoing, the parties hereto agree as follows:

1. Definitions. As used in this Agreement, the following terms shall have the following meanings:

“Additional Guarantor” shall mean any subsidiary of the Company that executes a Guarantee under the Indenture after the date of this Agreement.

“Business Day” shall mean any day that is not a Saturday, Sunday or other day on which commercial banks in New York City are authorized or required by law to remain closed.

“Company” shall have the meaning set forth in the preamble and shall also include the Company’s successors.

“Exchange Act” shall mean the Securities Exchange Act of 1934, as amended from time to time.

“Exchange Dates” shall have the meaning set forth in Section 2(a)(ii) hereof.

“Exchange Guarantees” shall mean the guarantees of the Exchange Securities by the Guarantors under the Indenture.

“Exchange Offer” shall mean the exchange offer by the Company and the Guarantors of Exchange Securities for Registrable Securities pursuant to Section 2(a) hereof.

“Exchange Offer Registration” shall mean a registration under the Securities Act effected pursuant to Section 2(a) hereof.

“Exchange Offer Registration Statement” shall mean an exchange offer registration statement on Form S-4 (or, if applicable, on another appropriate form) and all amendments and supplements to such registration statement, in each case including the Prospectus contained therein or deemed a part thereof, all exhibits thereto and any document incorporated by reference therein.

“Exchange Securities” shall mean senior notes issued by the Company and guaranteed by the Guarantors under the Indenture containing terms identical to the Securities (except that the Exchange Securities will not be subject to restrictions on transfer or to any increase in annual interest rate for failure to comply with this Agreement) and to be offered to Holders of Securities in exchange for Securities pursuant to the Exchange Offer.

“FINRA” means the Financial Industry Regulatory Authority, Inc.

“Free Writing Prospectus” means each free writing prospectus (as defined in Rule 405 under the Securities Act) prepared by or on behalf of the Company or used or referred to by the Company in connection with the sale of the Securities or the Exchange Securities.

“Guarantees” shall mean the Initial Guarantees and the Exchange Guarantees.

“Guarantors” shall mean the Initial Guarantors, any Additional Guarantors and any Guarantor’s successor that guarantees the Securities.

“Holders” shall mean the Initial Purchasers, for so long as they own any Registrable Securities, and each of their successors, assigns and direct and indirect transferees who become owners of Registrable Securities under the Indenture; provided that, for purposes of Section 4 and Section 5 hereof, the term “Holders” shall include Participating Broker-Dealers.

“Indemnified Person” shall have the meaning set forth in Section 5(c) hereof.

“Indemnifying Person” shall have the meaning set forth in Section 5(c) hereof.

“Indenture” shall mean the Indenture relating to the Securities dated as of January 24, 2020 among the Company, the Guarantors and U.S. Bank National Association, as trustee, as may be amended from time to time in accordance with the terms thereof.

“Initial Guarantees” shall mean the guarantees of the Securities by the Guarantors under the Indenture.

“Initial Purchasers” shall mean the initial purchasers named in Schedule 2 hereto, collectively.

“Inspector” shall have the meaning set forth in Section 3(a)(xiv) hereof.

“Issuer Information” shall have the meaning set forth in Section 5(a) hereof.

“Majority Holders” shall mean the Holders of a majority of the aggregate principal amount of the outstanding Registrable Securities; provided that whenever the consent or approval of Holders of a specified percentage of Registrable Securities is required hereunder, any Registrable Securities owned directly or indirectly by the Company or any of its affiliates shall not be counted in determining whether such consent or approval was given by the Holders of such required percentage or amount; and provided, further, that if the Company shall issue any additional Securities under the Indenture prior to consummation of the Exchange Offer or, if applicable, the effectiveness of any Shelf Registration Statement, such additional Securities and the Registrable Securities to which this Agreement relates shall be treated together as one class for purposes of determining whether the consent or approval of Holders of a specified percentage of Registrable Securities has been obtained.

“Notice and Questionnaire” shall mean a notice of registration statement and selling security holder questionnaire distributed to a Holder by the Company upon receipt of a Shelf Request from such Holder.

“Participating Broker-Dealers” shall have the meaning set forth in Section 4(a) hereof.

“Participating Holder” shall mean any Holder of Registrable Securities that has returned a completed and signed Notice and Questionnaire to the Company in accordance with Section 2(b) hereof.

“Person” shall mean an individual, partnership, limited liability company, corporation, trust or unincorporated organization, or a government or agency or political subdivision thereof.

“Prospectus” shall mean the prospectus included in, or, pursuant to the rules and regulations of the Securities Act, deemed a part of, a Registration Statement, including any preliminary prospectus, and any such prospectus as amended or supplemented by any prospectus supplement, including a prospectus supplement with respect to the terms of the offering of any portion of the Registrable Securities covered by a Shelf Registration Statement, and by all other amendments and supplements to such prospectus, and in each case including any document incorporated by reference therein.

“Purchase Agreement” shall have the meaning set forth in the preamble.

“Registrable Securities” shall mean the Securities; provided that the Securities shall cease to be Registrable Securities (i) when a Registration Statement with respect to such Securities has become effective under the Securities Act and such Securities have been exchanged or disposed of pursuant to such Registration Statement, (ii) when such Securities cease to be outstanding or (iii) except in the case of Securities that otherwise remain Registrable Securities and that are held by an Initial Purchaser and that are ineligible to be exchanged in the Exchange Offer, when the Exchange Offer is consummated.

“Registration Default” shall mean the occurrence of any of the following: (i) the Exchange Offer is not completed on or prior to the Target Registration Date, (ii) the Shelf Registration Statement, if required pursuant to Section 2(b)(i) or Section 2(b)(ii) hereof, has not become effective on or prior to the Target Registration Date, (iii) if the Company receives a Shelf Request pursuant to Section 2(b)(iii), the Shelf Registration Statement required to be filed thereby has not become effective by the later of (a) the Target Registration Date and (b) 90 days after delivery of such Shelf Request, (iv) the Shelf Registration Statement, if required by this Agreement, has become effective and thereafter ceases to be effective or the Prospectus contained therein ceases to be usable, in each case whether or not permitted by this Agreement, at any time during the Shelf Effectiveness Period, and such failure to remain effective or usable exists for more than 30 days (whether or not consecutive) in any 12-month period or (v) the Shelf Registration Statement, if required by this Agreement, has become effective and thereafter, on more than two occasions in any 12-month period during the Shelf Effectiveness Period, the Shelf Registration Statement ceases to be effective or the Prospectus contained therein ceases to be usable, in each case whether or not permitted by this Agreement.

“Registration Expenses” shall mean any and all expenses incident to performance of or compliance by the Company and the Guarantors with this Agreement, including without limitation: (i) all SEC, stock exchange or FINRA registration and filing fees, (ii) all fees and expenses incurred in connection with compliance with state securities or blue sky laws (including reasonable fees and disbursements of counsel for any Underwriters or Holders in connection with blue sky qualification of any Exchange Securities or Registrable Securities), (iii) all expenses of any Persons in preparing or assisting in preparing, word processing, printing and distributing any Registration Statement, any Prospectus, any Free Writing Prospectus and any amendments or supplements thereto, any underwriting agreements, securities sales agreements or other similar agreements and any other documents relating to the performance of and compliance with this Agreement, (iv) all rating agency fees, (v) all fees and disbursements relating to the qualification of the Indenture under applicable securities laws, (vi) the fees and disbursements of the Trustee and its counsel, (vii) the fees and disbursements of counsel for the Company and the Guarantors and, in the case of a Shelf Registration Statement, the fees and disbursements of one counsel for the Participating Holders (which counsel shall be selected by the Participating Holders holding a majority of the aggregate principal amount of

Registrable Securities held by such Participating Holders and which counsel may also be counsel for the Initial Purchasers) and (viii) the fees and disbursements of the independent registered public accountants and independent petroleum engineers of the Company and the Guarantors, including the expenses of any special audits, “comfort” letters or letters concerning oil and gas reserve estimates, as applicable, required by or incident to the performance of and compliance with this Agreement, but excluding fees and expenses of counsel to the Underwriters (other than fees and expenses set forth in clause (ii) above) or the Holders and underwriting discounts and commissions, brokerage commissions and transfer taxes, if any, relating to the sale or disposition of Registrable Securities by a Holder.

“Registration Statement” shall mean any registration statement filed under the Securities Act of the Company and the Guarantors that covers any of the Exchange Securities or Registrable Securities pursuant to the provisions of this Agreement and all amendments and supplements to any such registration statement, including post-effective amendments, in each case including the Prospectus contained therein or deemed a part thereof, all exhibits thereto and any document incorporated by reference therein.

“SEC” shall mean the United States Securities and Exchange Commission.

“Securities” shall have the meaning set forth in the preamble.

“Securities Act” shall mean the Securities Act of 1933, as amended from time to time.

“Shelf Effectiveness Period” shall have the meaning set forth in Section 2(b) hereof.

“Shelf Registration” shall mean a registration effected pursuant to Section 2(b) hereof.

“Shelf Registration Statement” shall mean a “shelf” registration statement of the Company and the Guarantors that covers all or a portion of the Registrable Securities (but no other securities unless approved by a majority in aggregate principal amount of the Registrable Securities held by the Participating Holders) on an appropriate form under Rule 415 under the Securities Act, or any similar rule that may be adopted by the SEC, and all amendments and supplements to such registration statement, including post-effective amendments, in each case including the Prospectus contained therein or deemed a part thereof, all exhibits thereto and any document incorporated by reference therein.

“Shelf Request” shall have the meaning set forth in Section 2(b) hereof.

“Staff” shall mean the staff of the SEC.

“Target Registration Date” shall mean a date no later than 365 days after the date of the issuance of the Securities or if such 365th day is not a Business Day, the next succeeding Business Day.

“Trust Indenture Act” shall mean the Trust Indenture Act of 1939, as amended from time to time.

“Trustee” shall mean the trustee with respect to the Securities under the Indenture.

“Underwriter” shall have the meaning set forth in Section 3(e) hereof.

“Underwritten Offering” shall mean an offering in which Registrable Securities are sold to an Underwriter for reoffering to the public.

2. Registration Under the Securities Act. (a) To the extent not prohibited by any applicable law or applicable interpretations of the Staff, the Company and the Guarantors shall use their commercially reasonable efforts to (x) cause to be filed an Exchange Offer Registration Statement covering an offer to the Holders to exchange all the Registrable Securities for Exchange Securities and (y) have such Registration Statement become and remain effective until 180 days after the last Exchange Date for use by one or more Participating Broker-Dealers. The Company and the Guarantors shall commence the Exchange Offer promptly after the Exchange Offer Registration Statement is declared effective by the SEC and use their commercially reasonable efforts to complete the Exchange Offer not later than 60 days after such effective date.

The Company and the Guarantors shall commence the Exchange Offer by mailing or making available the related Prospectus, appropriate letters of transmittal and other accompanying documents to each Holder stating, in addition to such other disclosures as are required by applicable law, substantially the following:

- (i) that the Exchange Offer is being made pursuant to this Agreement and that all Registrable Securities validly tendered and not properly withdrawn will be accepted for exchange;
- (ii) the dates of acceptance for exchange (which shall be a period of at least 20 Business Days from the date such notice is mailed or made available) (the “Exchange Dates”);
- (iii) that any Registrable Security not tendered will remain outstanding and continue to accrue interest but will not retain any rights under this Agreement, except as otherwise specified herein;
- (iv) that any Holder electing to have a Registrable Security exchanged pursuant to the Exchange Offer will be required to (A) surrender such Registrable Security, together with the appropriate letters of transmittal, to

- the institution and at the address and in the manner specified in the notice, or (B) effect such exchange otherwise in compliance with the applicable procedures of the depository for such Registrable Security, in each case prior to the close of business on the last Exchange Date; and
- (v) that any Holder will be entitled to withdraw its election, not later than the close of business on the last Exchange Date, by (A) sending to the institution and at the address specified in the notice, a telegram, facsimile transmission or letter setting forth the name of such Holder, the principal amount of Registrable Securities delivered for exchange and a statement that such Holder is withdrawing its election to have such Securities exchanged or (B) effecting such withdrawal in compliance with the applicable procedures of the depository for the Registrable Securities.

As a condition to participating in the Exchange Offer, a Holder will be required to represent to the Company and the Guarantors that (1) any Exchange Securities to be received by it will be acquired in the ordinary course of its business, (2) at the time of the commencement of the Exchange Offer it has no arrangement or understanding with any Person to participate in the distribution (within the meaning of the Securities Act) of the Exchange Securities in violation of the provisions of the Securities Act, (3) it is not an "affiliate" (within the meaning of Rule 405 under the Securities Act) of the Company or any Guarantor and (4) if such Holder is a broker-dealer that will receive Exchange Securities for its own account in exchange for Registrable Securities that were acquired as a result of market-making or other trading activities, then such Holder will deliver a Prospectus (or, to the extent permitted by law, make available a Prospectus to purchasers) in connection with any resale of such Exchange Securities.

As soon as practicable after the last Exchange Date, the Company and the Guarantors shall:

- (I) accept for exchange Registrable Securities or portions thereof validly tendered and not properly withdrawn pursuant to the Exchange Offer; and
- (II) deliver, or cause to be delivered, to the Trustee for cancellation all Registrable Securities or portions thereof so accepted for exchange by the Company and issue, and cause the Trustee to promptly authenticate and deliver to each Holder, Exchange Securities equal in principal amount to the principal amount of the Registrable Securities tendered by such Holder.

The Company and the Guarantors shall use their commercially reasonable efforts to complete the Exchange Offer as provided above and shall comply with the applicable requirements of the Securities Act, the Exchange Act and other applicable laws and regulations in connection with the Exchange Offer. The Exchange Offer shall not be subject to any conditions, other than that the Exchange Offer does not violate any applicable law or applicable interpretations of the Staff.

(b) In the event that (i) the Company and the Guarantors determine that the Exchange Offer Registration provided for in Section 2(a) hereof is not available or the Exchange Offer may not be completed as soon as practicable after the last Exchange Date because it would violate any applicable law or applicable interpretations of the Staff, (ii) the Exchange Offer is not for any other reason completed by the Target Registration Date or (iii) upon receipt of a written request (a “Shelf Request”) from any Initial Purchaser representing that it holds Registrable Securities that are or were ineligible to be exchanged in the Exchange Offer, the Company and the Guarantors shall use their commercially reasonable efforts to cause to be filed as soon as practicable after such determination, date or Shelf Request, as the case may be, a Shelf Registration Statement providing for the sale of all the Registrable Securities by the Holders thereof and to have such Shelf Registration Statement become effective; provided that no Holder will be entitled to have any Registrable Securities included in any Shelf Registration Statement, or entitled to use the prospectus forming a part of such Shelf Registration Statement, until such Holder shall have delivered a completed and signed Notice and Questionnaire and provided such other information regarding such Holder to the Company as is contemplated by Section 3(b) hereof.

In the event that the Company and the Guarantors are required to file a Shelf Registration Statement pursuant to clause (iii) of the preceding sentence, the Company and the Guarantors shall use their commercially reasonable efforts to file and have declared effective by the SEC (or file and become effective automatically, as the case may be) both an Exchange Offer Registration Statement pursuant to Section 2(a) above with respect to all Registrable Securities and a Shelf Registration Statement (which may be a combined Registration Statement with the Exchange Offer Registration Statement) with respect to offers and sales of Registrable Securities held by the Initial Purchasers after completion of the Exchange Offer.

The Company and the Guarantors agree to use their commercially reasonable efforts to keep the Shelf Registration Statement continuously effective until the earlier of one year following the date such Shelf Registration Statement is filed and when the Securities cease to be Registrable Securities (the “Shelf Effectiveness Period”). The Company and the Guarantors further agree to supplement or amend the Shelf Registration Statement, the related Prospectus and any Free Writing Prospectus if required by the rules, regulations or instructions applicable to the registration form used by the Company for such Shelf Registration Statement or by the Securities Act or by any other rules and regulations thereunder or if reasonably requested by a Participating Holder of Registrable Securities with respect to information relating to such Holder, and to use their commercially reasonable efforts to cause any such amendment to become effective, if required, and such Shelf Registration Statement, Prospectus

or Free Writing Prospectus, as the case may be, to become usable as soon as thereafter practicable. The Company and the Guarantors agree to furnish to the Participating Holders copies of any such supplement or amendment promptly after its being used or filed with the SEC.

(c) The Company and the Guarantors shall pay all Registration Expenses in connection with any registration pursuant to Section 2(a) or Section 2(b) hereof. Each Holder shall pay all underwriting discounts and commissions, brokerage commissions and transfer taxes, if any, relating to the sale or disposition of such Holder's Registrable Securities pursuant to the Shelf Registration Statement.

(d) An Exchange Offer Registration Statement pursuant to Section 2(a) hereof will not be deemed to have become effective unless it has been declared effective by the SEC. A Shelf Registration Statement pursuant to Section 2(b) hereof will not be deemed to have become effective unless it has been declared effective by the SEC or is automatically effective upon filing with the SEC as provided by Rule 462 under the Securities Act.

If a Registration Default occurs, the interest rate on the Registrable Securities will be increased by (i) 0.25% per annum for the first 90-day period beginning on the day immediately following such Registration Default and (ii) an additional 0.25% per annum with respect to each subsequent 90-day period, in each case until and including the date such Registration Default ends, up to a maximum increase of 0.50% per annum. A Registration Default ends when the Securities cease to be Registrable Securities or, if earlier, (1) in the case of a Registration Default under clause (i) of the definition thereof, when the Exchange Offer is completed, (2) in the case of a Registration Default under clause (ii) or clause (iii) of the definition thereof, when the Shelf Registration Statement becomes effective or (3) in the case of a Registration Default under clause (iv) or clause (v) of the definition thereof, when the Shelf Registration Statement again becomes effective or the Prospectus again becomes usable. If at any time more than one Registration Default has occurred and is continuing, then, until the next date that there is no Registration Default, the increase in interest rate provided for by this paragraph shall apply as if there occurred a single Registration Default that begins on the date that the earliest such Registration Default occurred and ends on such next date that there is no Registration Default. All additional interest will be paid by the Company on the next scheduled interest payment date in the same manner as interest is paid on the Securities. Following the time that the Securities are registered or, with respect to the Shelf Registration, following the time that the Shelf Registration is no longer required to be effective, the accrual of additional interest will cease.

(e) Without limiting the remedies available to the Initial Purchasers and the Holders, the Company and the Guarantors acknowledge that any failure by the Company or the Guarantors to comply with their obligations under Section 2(a) and Section 2(b) hereof may result in material irreparable injury to

the Initial Purchasers or the Holders for which there is no adequate remedy at law, that it will not be possible to measure damages for such injuries precisely and that, in the event of any such failure, the Initial Purchasers or any Holder may obtain such relief as may be required to specifically enforce the Company's and the Guarantors' obligations under Section 2(a) and Section 2(b) hereof. The provisions for liquidated damages set forth in Section 2(d) above shall be the only monetary remedy available to Holders under this Agreement.

3. Registration Procedures. (a) In connection with their obligations pursuant to Section 2(a) and Section 2(b) hereof, the Company and the Guarantors shall as expeditiously as possible:

(i) prepare and file with the SEC a Registration Statement on the appropriate form under the Securities Act, which form (A) shall be selected by the Company and the Guarantors, (B) shall, in the case of a Shelf Registration, be available for the sale of the Registrable Securities by the Holders thereof and (C) shall comply as to form in all material respects with the requirements of the applicable form and include all financial statements and oil and gas reserve information required by the SEC to be filed therewith; and use their commercially reasonable efforts to cause such Registration Statement to become effective and remain effective for the applicable period in accordance with Section 2 hereof;

(ii) prepare and file with the SEC such amendments and post-effective amendments to each Registration Statement as may be necessary to keep such Registration Statement effective for the applicable period in accordance with Section 2 hereof and cause each Prospectus to be supplemented by any required prospectus supplement and, as so supplemented, to be filed pursuant to Rule 424 under the Securities Act; and keep each Prospectus current during the period described in Section 4(3) of and Rule 174 under the Securities Act that is applicable to transactions by brokers or dealers with respect to the Registrable Securities or Exchange Securities;

(iii) to the extent any Free Writing Prospectus is used, file with the SEC any Free Writing Prospectus that is required to be filed by the Company or the Guarantors with the SEC in accordance with the Securities Act and to retain any Free Writing Prospectus not required to be filed;

(iv) in the case of a Shelf Registration, furnish to each Participating Holder, to counsel for the Initial Purchasers, to counsel for such Participating Holders and to each Underwriter of an Underwritten Offering of Registrable Securities, if any, without charge, as many copies of each Prospectus, including each preliminary prospectus or Free Writing Prospectus, and any amendment or supplement thereto, as such Participating Holder, counsel or Underwriter may reasonably request in order to facilitate the sale or other disposition of the Registrable Securities thereunder; and, subject to Section 3(c) below, the Company and the Guarantors consent to the use of such Prospectus, preliminary prospectus or such Free Writing Prospectus and any amendment or supplement

thereto in accordance with applicable law by each of the Participating Holders and any such Underwriters in connection with the offering and sale of the Registrable Securities covered by and in the manner described in such Prospectus, preliminary prospectus or such Free Writing Prospectus or any amendment or supplement thereto in accordance with applicable law;

(v) use their commercially reasonable efforts to register or qualify the Registrable Securities under all applicable state securities or blue sky laws of such jurisdictions as any Participating Holder covered by a Registration Statement shall reasonably request in writing by the time the applicable Registration Statement becomes effective; cooperate with such Participating Holders covered by a Registration Statement in connection with any filings required to be made with FINRA; and do any and all other acts and things that may be reasonably necessary or advisable to enable each Participating Holder covered by a Registration Statement to complete the disposition in each such jurisdiction of the Registrable Securities owned by such Participating Holder covered by a Registration Statement; provided that neither the Company nor any Guarantor shall be required to (1) qualify as a foreign corporation or other entity or as a dealer in securities in any such jurisdiction where it would not otherwise be required to so qualify, (2) file any general consent to service of process in any such jurisdiction or (3) subject itself to taxation in any such jurisdiction if it is not so subject;

(vi) notify counsel for the Initial Purchasers and, in the case of a Shelf Registration, notify each Participating Holder and counsel for such Participating Holders promptly and, if requested in writing by any such Participating Holder or counsel, confirm such advice in writing (1) when a Registration Statement has become effective, when any post-effective amendment thereto has been filed and becomes effective, when any Free Writing Prospectus has been filed or any amendment or supplement to the Prospectus or any Free Writing Prospectus has been filed, (2) of any request by the SEC or any state securities authority for amendments and supplements to a Registration Statement, Prospectus or any Free Writing Prospectus or for additional information after the Registration Statement has become effective, (3) of the issuance by the SEC or any state securities authority of any stop order suspending the effectiveness of a Registration Statement or the initiation of any proceedings for that purpose, including the receipt by the Company of any notice of objection of the SEC to the use of a Shelf Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Securities Act, (4) if, between the applicable effective date of a Shelf Registration Statement and the closing of any sale of Registrable Securities covered thereby, the representations and warranties of the Company or any Guarantor contained in any underwriting agreement, securities sales agreement or other similar agreement, if any, relating to an offering of such Registrable Securities cease to be true and correct in all material respects or if the Company or any Guarantor receives any notification with respect to the suspension of the qualification of the Registrable Securities for sale in any jurisdiction or the initiation of any proceeding for such purpose, (5) of the

happening of any event known to the Company during the period a Registration Statement is effective that makes any statement made in such Registration Statement or the related Prospectus or any Free Writing Prospectus untrue in any material respect or that requires the making of any changes in such Registration Statement or Prospectus or any Free Writing Prospectus in order to make the statements therein not misleading and (6) of any determination by the Company or any Guarantor that a post-effective amendment to a Registration Statement or any amendment or supplement to the Prospectus or any Free Writing Prospectus would be appropriate;

(vii) use their commercially reasonable efforts to obtain the withdrawal of any order suspending the effectiveness of a Registration Statement or, in the case of a Shelf Registration, the resolution of any objection of the SEC pursuant to Rule 401(g)(2) under the Securities Act, including by filing an amendment to such Registration Statement on the proper form, at the earliest practicable moment and provide immediate notice to each Holder or Participating Holder of the withdrawal of any such order or such resolution;

(viii) in the case of a Shelf Registration, furnish or make available to each Participating Holder, without charge, at least one conformed copy of each Registration Statement and any post-effective amendment thereto (without any documents incorporated therein by reference or exhibits thereto, unless requested);

(ix) in the case of a Shelf Registration, cooperate with the Participating Holders to facilitate the timely preparation and delivery of certificates representing Registrable Securities to be sold and not bearing any restrictive legends and enable such Registrable Securities to be issued in such denominations and registered in such names (consistent with the provisions of the Indenture) as such Participating Holders may reasonably request at least one Business Day prior to the closing of any sale of Registrable Securities;

(x) upon the occurrence of any event contemplated by Section 3(a)(vi)(5) hereof, use their commercially reasonable efforts to prepare and file with the SEC a supplement or post-effective amendment to the Exchange Offer Registration Statement or Shelf Registration Statement or the related Prospectus or any Free Writing Prospectus or any document incorporated therein by reference or file any other required document so that, as thereafter delivered (or, to the extent permitted by law, made available) to purchasers of the Registrable Securities, such Prospectus or Free Writing Prospectus, as the case may be, will not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; and the Company and the Guarantors shall notify the Participating Holders (in the case of a Shelf Registration Statement) and the Initial Purchasers and any Participating Broker-Dealers known to the Company (in the case of an Exchange Offer Registration Statement) to suspend use of the Prospectus or any Free Writing Prospectus as

promptly as practicable after the occurrence of such an event, and such Participating Holders, such Participating Broker-Dealers and the Initial Purchasers, as applicable, hereby agree to suspend use of the Prospectus or any Free Writing Prospectus, as the case may be, until the Company and the Guarantors have amended or supplemented the Prospectus or the Free Writing Prospectus, as the case may be, to correct such misstatement or omission;

(xi) a reasonable time prior to the filing of any Registration Statement, any Prospectus, any Free Writing Prospectus, any amendment to a Registration Statement or amendment or supplement to a Prospectus or a Free Writing Prospectus or of any document that is to be incorporated by reference into a Registration Statement, a Prospectus or a Free Writing Prospectus after initial filing of a Registration Statement, provide copies of such document to the Initial Purchasers and their counsel (and, in the case of a Shelf Registration Statement, to the Participating Holders and their counsel) and make such of the representatives of the Company and the Guarantors as shall be reasonably requested by the Initial Purchasers or their counsel (and, in the case of a Shelf Registration Statement, the Participating Holders or their counsel) available for discussion of such document; and the Company and the Guarantors shall not, at any time after initial filing of a Registration Statement, use or file any Prospectus, any Free Writing Prospectus, any amendment of or supplement to a Registration Statement or a Prospectus or a Free Writing Prospectus, or any document that is to be incorporated by reference into a Registration Statement, a Prospectus or a Free Writing Prospectus, of which the Initial Purchasers and their counsel (and, in the case of a Shelf Registration Statement, the Participating Holders and their counsel) shall not have previously been advised and furnished a copy or to which the Initial Purchasers or their counsel (and, in the case of a Shelf Registration Statement, the Participating Holders or their counsel) shall reasonably object;

(xii) obtain a CUSIP number for all Exchange Securities or Registrable Securities, as the case may be, not later than the initial effective date of a Registration Statement;

(xiii) cause the Indenture to be qualified under the Trust Indenture Act in connection with the registration of the Exchange Securities or Registrable Securities, as the case may be; cooperate with the Trustee and the Holders to effect such changes to the Indenture as may be required for the Indenture to be so qualified in accordance with the terms of the Trust Indenture Act; and execute, and use their commercially reasonable efforts to cause the Trustee to execute, all documents as may be required to effect such changes and all other forms and documents required to be filed with the SEC to enable the Indenture to be so qualified in a timely manner;

(xiv) in the case of a Shelf Registration, make available for inspection by a representative of the Participating Holders (an "Inspector"), any Underwriter participating in any disposition pursuant to such Shelf Registration Statement, any attorneys and accountants designated by a majority in aggregate principal

amount of the outstanding Registrable Securities held by the Participating Holders to be included in such Shelf Registration and any attorneys and accountants designated by such Underwriter, at reasonable times and in a reasonable manner, all pertinent financial and other records, documents and properties of the Company and its subsidiaries, and cause the respective officers, directors and employees of the Company and the Guarantors to supply all information reasonably requested by any such Inspector, Underwriter, attorney or accountant in connection with a Shelf Registration Statement; provided that if any such information is identified by the Company or any Guarantor as being confidential or proprietary, each Person receiving such information shall take such actions as are reasonably necessary to protect the confidentiality of such information to the extent such action is otherwise not inconsistent with, an impairment of or in derogation of the rights and interests of any Inspector, Holder or Underwriter;

(xv) in the case of a Shelf Registration, use their commercially reasonable efforts to cause all Registrable Securities to be listed on any securities exchange or any automated quotation system on which similar securities issued or guaranteed by the Company or any Guarantor are then listed if requested by the Majority Holders, to the extent such Registrable Securities satisfy applicable listing requirements;

(xvi) if reasonably requested by any Participating Holder, promptly include in a Prospectus supplement or post-effective amendment such information with respect to such Participating Holder as such Participating Holder reasonably requests to be included therein and make all required filings of such Prospectus supplement or such post-effective amendment as soon as the Company has received notification of the matters to be so included in such filing;

(xvii) in the case of a Shelf Registration, enter into such customary agreements and take all such other commercially reasonable actions in connection therewith (including those requested by the Participating Holders of a majority in principal amount of the Registrable Securities covered by the Shelf Registration Statement) in order to expedite or facilitate the disposition of such Registrable Securities including, but not limited to, an Underwritten Offering and in such connection, (1) to the extent possible, make such representations and warranties to the Participating Holders and any Underwriters of such Registrable Securities with respect to the business of the Company and its subsidiaries and the Registration Statement, Prospectus, any Free Writing Prospectus and documents incorporated by reference or deemed incorporated by reference, if any, in each case, in form, substance and scope as are customarily made by issuers to underwriters in underwritten offerings and confirm the same if and when requested, (2) obtain opinions of counsel to the Company and the Guarantors (which counsel and opinions, in form, scope and substance, shall be reasonably satisfactory to the Participating Holders and such Underwriters and their respective counsel) addressed to each Participating Holder and Underwriter of Registrable Securities, covering the matters customarily covered in opinions

requested in underwritten offerings, (3) obtain “comfort” letters from the independent registered public accountants of the Company and the Guarantors (and, if necessary, any other registered public accountant of any subsidiary of the Company or any Guarantor, or of any business acquired by the Company or any Guarantor for which financial statements and financial data are or are required to be included in the Registration Statement) addressed to each Participating Holder (to the extent permitted by applicable professional standards) and Underwriter of Registrable Securities, such letters to be in customary form and covering matters of the type customarily covered in “comfort” letters in connection with underwritten offerings, including but not limited to financial information contained in any preliminary prospectus, Prospectus or Free Writing Prospectus and (4) deliver such documents and certificates as may be reasonably requested by the Holders of a majority in principal amount of the Registrable Securities being sold or the Underwriters, and which are customarily delivered in underwritten offerings, to evidence the continued validity of the representations and warranties of the Company and the Guarantors made pursuant to clause (1) above and to evidence compliance with any customary conditions contained in an underwriting agreement; and

(b) In the case of a Shelf Registration Statement, the Company may require each Participating Holder to furnish to the Company a Notice and Questionnaire and such other information regarding such Holder and the proposed disposition by such Holder of such Registrable Securities as the Company and the Guarantors may from time to time reasonably request in writing.

(c) Each Participating Holder agrees that, upon receipt of any notice from the Company and the Guarantors of the happening of any event of the kind described in Section 3(a)(vi)(3) or Section 3(a)(vi)(5) hereof, such Participating Holder will forthwith discontinue disposition of Registrable Securities pursuant to the Shelf Registration Statement until such Participating Holder’s receipt of the copies of the supplemented or amended Prospectus and any Free Writing Prospectus contemplated by Section 3(a)(x) hereof and, if so directed by the Company and the Guarantors, such Participating Holder will deliver to the Company and the Guarantors all copies in its possession, other than permanent file copies then in such Participating Holder’s possession, of the Prospectus and any Free Writing Prospectus covering such Registrable Securities that is current at the time of receipt of such notice.

(d) If the Company and the Guarantors shall give any notice to suspend the disposition of Registrable Securities pursuant to a Registration Statement, the Company and the Guarantors shall extend the period during which such Registration Statement shall be maintained effective pursuant to this Agreement by the number of days during the period from and including the date of the giving of such notice to and including the date when the Holders of such Registrable Securities shall have received copies of the supplemented or amended Prospectus or any Free Writing Prospectus necessary to resume such

dispositions. The Company and the Guarantors may give any such notice only twice during any 365-day period and any such suspensions shall not exceed 30 days for each suspension and there shall not be more than two suspensions in effect during any 365-day period.

(e) The Participating Holders who desire to do so may sell such Registrable Securities in an Underwritten Offering. In any such Underwritten Offering, the investment bank or investment banks and manager or managers (each an “Underwriter”) that will administer the offering will be selected by the Holders of a majority in principal amount of the Registrable Securities included in such offering; provided, however, that such Underwriter must be reasonably satisfactory to the Company; and provided, further, that BofA Securities, Inc. shall be deemed to be reasonably satisfactory to the Company.

4. Participation of Broker-Dealers in Exchange Offer. (a) The Staff has taken the position that any broker-dealer that receives Exchange Securities for its own account in the Exchange Offer in exchange for Securities that were acquired by such broker-dealer as a result of market-making or other trading activities (a “Participating Broker-Dealer”) may be deemed to be an “underwriter” within the meaning of the Securities Act and must deliver a prospectus meeting the requirements of the Securities Act in connection with any resale of such Exchange Securities.

The Company and the Guarantors understand that it is the Staff’s position that if the Prospectus contained in the Exchange Offer Registration Statement includes a plan of distribution containing a statement to the above effect and the means by which Participating Broker-Dealers may resell the Exchange Securities, without naming the Participating Broker-Dealers or specifying the amount of Exchange Securities owned by them, such Prospectus may be delivered by Participating Broker-Dealers (or, to the extent permitted by law, made available to purchasers) to satisfy their prospectus delivery obligation under the Securities Act in connection with resales of Exchange Securities for their own accounts, so long as the Prospectus otherwise meets the requirements of the Securities Act.

(b) In light of the above, and notwithstanding the other provisions of this Agreement, the Company and the Guarantors agree to amend or supplement the Prospectus contained in the Exchange Offer Registration Statement for a period of up to 180 days after the last Exchange Date (as such period may be extended pursuant to Section 3(d) hereof), in order to expedite or facilitate the disposition of any Exchange Securities by Participating Broker-Dealers consistent with the positions of the Staff recited in Section 4(a) above. The Company and the Guarantors further agree that Participating Broker-Dealers shall be authorized to deliver such Prospectus (or, to the extent permitted by law, make available) during such period in connection with the resales contemplated by this Section 4.

(c) The Initial Purchasers shall have no liability to the Company, any Guarantor or any Holder with respect to any request that they may make pursuant to Section 4(b) hereof.

5. Indemnification and Contribution. (a) The Company and each Guarantor, jointly and severally, agree to indemnify and hold harmless each Initial Purchaser and each Holder, their respective affiliates, directors and officers and each Person, if any, who controls any Initial Purchaser or any Holder within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, from and against any and all losses, claims, damages and liabilities (including, without limitation, legal fees and other expenses incurred in connection with any suit, action or proceeding or any claim asserted, as such fees and expenses are incurred), joint or several, that arise out of, or are based upon, (1) any untrue statement or alleged untrue statement of a material fact contained in any Registration Statement or any omission or alleged omission to state therein a material fact required to be stated therein or necessary in order to make the statements therein not misleading, or (2) any untrue statement or alleged untrue statement of a material fact contained in any Prospectus, any Free Writing Prospectus or any "issuer information" ("Issuer Information") filed or required to be filed pursuant to Rule 433(d) under the Securities Act, or any omission or alleged omission to state therein a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, in each case except insofar as such losses, claims, damages or liabilities arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to any Initial Purchaser or information relating to any Holder furnished to the Company in writing through BofA Securities, Inc. or any selling Holder, respectively, expressly for use therein. In connection with any Underwritten Offering permitted by Section 3, the Company and the Guarantors, jointly and severally, will also indemnify the Underwriters, if any, selling brokers, dealers and similar securities industry professionals participating in the distribution, their respective affiliates and each Person who controls such Persons (within the meaning of the Securities Act and the Exchange Act) to the same extent as provided above with respect to the indemnification of the Holders, if requested in connection with any Registration Statement, any Prospectus, any Free Writing Prospectus or any Issuer Information.

(b) Each Holder agrees, severally and not jointly, to indemnify and hold harmless the Company, the Guarantors, the Initial Purchasers and the other selling Holders, the directors of the Company and the Guarantors, each officer of the Company and the Guarantors who signed the Registration Statement and each Person, if any, who controls the Company, the Guarantors, any Initial Purchaser and any other selling Holder within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act to the same extent as the indemnity set forth in paragraph (a) above, but only with respect to any losses, claims, damages or liabilities that arise out of, or are based upon, any untrue

statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to such Holder furnished to the Company in writing by such Holder expressly for use in any Registration Statement, any Prospectus and any Free Writing Prospectus.

(c) If any suit, action, proceeding (including any governmental or regulatory investigation), claim or demand shall be brought or asserted against any Person in respect of which indemnification may be sought pursuant to either paragraph (a) or (b) above, such Person (the "Indemnified Person") shall promptly notify the Person against whom such indemnification may be sought (the "Indemnifying Person") in writing; provided that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have under paragraph (a) or (b) above except to the extent that it has been materially prejudiced (through the forfeiture of substantive rights or defenses) by such failure; and provided, further, that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have to an Indemnified Person otherwise than under paragraph (a) or (b) above. If any such proceeding shall be brought or asserted against an Indemnified Person and it shall have notified the Indemnifying Person thereof, the Indemnifying Person shall retain counsel reasonably satisfactory to the Indemnified Person to represent the Indemnified Person and any others entitled to indemnification pursuant to this Section 5 that the Indemnifying Person may designate in such proceeding and shall pay the fees and expenses of such proceeding and shall pay the fees and expenses of such counsel related to such proceeding, as incurred. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless (i) the Indemnifying Person and the Indemnified Person shall have mutually agreed to the contrary; (ii) the Indemnifying Person has failed within a reasonable time to retain counsel reasonably satisfactory to the Indemnified Person; (iii) the Indemnified Person shall have reasonably concluded that there may be legal defenses available to it that are different from or in addition to those available to the Indemnifying Person; or (iv) the named parties in any such proceeding (including any impleaded parties) include both the Indemnifying Person and the Indemnified Person and representation of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. It is understood and agreed that the Indemnifying Person shall not, in connection with any proceeding or related proceeding in the same jurisdiction, be liable for the fees and expenses of more than one separate firm (in addition to any local counsel) for all Indemnified Persons, and that all such fees and expenses shall be reimbursed as they are incurred. Any such separate firm (x) for any Initial Purchaser, its affiliates, directors and officers and any control Persons of such Initial Purchaser shall be designated in writing by the Representative, (y) for any Holder, its directors and officers and any control Persons of such Holder shall be designated in writing by the Majority Holders and (z) in all other cases shall be designated in writing by the Company. The Indemnifying Person shall not be liable for any settlement of any proceeding effected without its written consent, but if settled with such consent or if there be

a final judgment for the plaintiff, the Indemnifying Person agrees to indemnify each Indemnified Person from and against any loss or liability by reason of such settlement or judgment. Notwithstanding the foregoing sentence, if at any time an Indemnified Person shall have requested that an Indemnifying Person reimburse the Indemnified Person for fees and expenses of counsel as contemplated by this paragraph, the Indemnifying Person shall be liable for any settlement of any proceeding effected without its written consent if (i) such settlement is entered into more than 30 days after receipt by the Indemnifying Person of such request and (ii) the Indemnifying Person shall not have reimbursed the Indemnified Person in accordance with such request prior to the date of such settlement. No Indemnifying Person shall, without the written consent of the Indemnified Person, effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnification could have been sought hereunder by such Indemnified Person, unless such settlement (A) includes an unconditional release of such Indemnified Person, in form and substance reasonably satisfactory to such Indemnified Person, from all liability on claims that are the subject matter of such proceeding and (B) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of any Indemnified Person.

(d) If the indemnification provided for in paragraphs (a) and (b) above is unavailable to an Indemnified Person or insufficient in respect of any losses, claims, damages or liabilities referred to therein, then each Indemnifying Person under such paragraph, in lieu of indemnifying such Indemnified Person thereunder, shall contribute to the amount paid or payable by such Indemnified Person as a result of such losses, claims, damages or liabilities (i) in such proportion as is appropriate to reflect the relative benefits received by the Company and the Guarantors from the offering of the Securities and the Exchange Securities, on the one hand, and by the Holders from receiving Securities or Exchange Securities registered under the Securities Act, on the other hand, or (ii) if the allocation provided by clause (i) is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) but also the relative fault of the Company and the Guarantors on the one hand and the Holders on the other in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative fault of the Company and the Guarantors on the one hand and the Holders on the other shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company and the Guarantors or by the Holders and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.

(e) The Company, the Guarantors and the Holders agree that it would not be just and equitable if contribution pursuant to this Section 5 were determined by pro rata allocation (even if the Holders were treated as one entity for such purpose) or by any other method of allocation that does not take account of the equitable considerations referred to in paragraph (d) above. The amount paid or payable by an Indemnified Person as a result of the losses, claims, damages and liabilities referred to in paragraph (d) above shall be deemed to include, subject to the limitations set forth above, any legal or other expenses incurred by such Indemnified Person in connection with any such action or claim. Notwithstanding the provisions of this Section 5, in no event shall a Holder be required to contribute any amount in excess of the amount by which the total price at which the Securities or Exchange Securities sold by such Holder exceeds the amount of any damages that such Holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No Person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any Person who was not guilty of such fraudulent misrepresentation. The Holders' obligations to contribute pursuant to this Section 5 are several and not joint.

(f) The remedies provided for in this Section 5 are not exclusive and shall not limit any rights or remedies that may otherwise be available to any Indemnified Person at law or in equity.

(g) The indemnity and contribution provisions contained in this Section 5 shall remain operative and in full force and effect regardless of (i) any termination of this Agreement, (ii) any investigation made by or on behalf of the Initial Purchasers or any Holder or any Person controlling any Initial Purchaser or any Holder, or by or on behalf of the Company or the Guarantors or the officers or directors of or any Person controlling the Company or the Guarantors, (iii) acceptance of any of the Exchange Securities and (iv) any sale of Registrable Securities pursuant to a Shelf Registration Statement.

6. General.

(a) *No Inconsistent Agreements.* The Company and the Guarantors represent, warrant and agree that (i) the rights granted to the Holders hereunder do not in any way conflict with and are not inconsistent with the rights granted to the holders of any other outstanding securities issued or guaranteed by the Company or any Guarantor under any other agreement and (ii) neither the Company nor any Guarantor has entered into, or on or after the date of this Agreement will enter into, any agreement that is inconsistent with the rights granted to the Holders of Registrable Securities in this Agreement or otherwise conflicts with the provisions hereof.

(b) *Amendments and Waivers.* The provisions of this Agreement, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions hereof may not be given unless the Company and the Guarantors have obtained the written consent of Holders of at least a majority in aggregate principal amount of

the outstanding Registrable Securities affected by such amendment, modification, supplement, waiver or consent; provided that no amendment, modification, supplement, waiver or consent to any departure from the provisions of Section 5 hereof shall be effective as against any Holder of Registrable Securities unless consented to in writing by such Holder. Any amendments, modifications, supplements, waivers or consents pursuant to this Section 6(b) shall be by a writing executed by each of the parties hereto.

(c) *Notices.* All notices and other communications provided for or permitted hereunder shall be made in writing by hand-delivery, registered first-class mail, telecopier, or any courier guaranteeing overnight delivery (i) if to a Holder, at the most current address given by such Holder to the Company by means of a notice given in accordance with the provisions of this Section 6(c), which address initially is, with respect to the Initial Purchasers, the address set forth in the Purchase Agreement; (ii) if to the Company and the Guarantors, initially at the Company's address set forth in the Purchase Agreement and thereafter at such other address, notice of which is given in accordance with the provisions of this Section 6(c); and (iii) to such other persons at their respective addresses as provided in the Purchase Agreement and thereafter at such other address, notice of which is given in accordance with the provisions of this Section 6(c). All such notices and communications shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; when receipt is acknowledged, if telecopied; and on the next Business Day if timely delivered to an air courier guaranteeing overnight delivery. Copies of all such notices, demands or other communications shall be concurrently delivered by the Person giving the same to the Trustee, at the address specified in the Indenture.

(d) *Successors and Assigns.* This Agreement shall inure to the benefit of and be binding upon the successors, assigns and transferees of each of the parties, including, without limitation and without the need for an express assignment, subsequent Holders; provided that nothing herein shall be deemed to permit any assignment, transfer or other disposition of Registrable Securities in violation of the terms of the Purchase Agreement or the Indenture. If any transferee of any Holder shall acquire Registrable Securities in any manner, whether by operation of law or otherwise, such Registrable Securities shall be held subject to all the terms of this Agreement, and by taking and holding such Registrable Securities such Person shall be conclusively deemed to have agreed to be bound by and to perform all of the terms and provisions of this Agreement and such Person shall be entitled to receive the benefits hereof. The Initial Purchasers (in their capacity as Initial Purchasers) shall have no liability or obligation to the Company or the Guarantors with respect to any failure by a Holder to comply with, or any breach by any Holder of, any of the obligations of such Holder under this Agreement.

(e) *Third Party Beneficiaries.* Each Holder shall be a third party beneficiary to the agreements made hereunder between the Company and the Guarantors, on the one hand, and the Initial Purchasers, on the other hand, and shall have the right to enforce such agreements directly to the extent it deems such enforcement necessary or advisable to protect its rights or the rights of other Holders hereunder.

(f) *Counterparts.* This Agreement may be executed in any number of counterparts and by the parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

(g) *Headings.* The headings in this Agreement are for convenience of reference only, are not a part of this Agreement and shall not limit or otherwise affect the meaning hereof.

(h) *Governing Law.* This Agreement, and any claim, controversy or dispute arising under or related to this Agreement, shall be governed by and construed in accordance with the laws of the State of New York.

(j) *Entire Agreement; Severability.* This Agreement contains the entire agreement between the parties relating to the subject matter hereof and supersedes all oral statements and prior writings with respect thereto. If any term, provision, covenant or restriction contained in this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable or against public policy, the remainder of the terms, provisions, covenants and restrictions contained herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated. The Company, the Guarantors and the Initial Purchasers shall endeavor in good faith negotiations to replace the invalid, void or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, void or unenforceable provisions.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

RANGE RESOURCES CORPORATION

By /s/ Mark S. Scucchi
Name: Mark S. Scucchi
Title: Senior Vice President and Chief Financial Officer

RANGE RESOURCES-PINE MOUNTAIN, INC.
RANGE RESOURCES-MIDCONTINENT, LLC
RANGE PRODUCTION COMPANY, LLC
RANGE RESOURCES-APPALACHIA, LLC
RANGE RESOURCES-LOUISIANA, INC.
RANGE LOUISIANA OPERATING, LLC

By /s/ Mark S. Scucchi
Name: Mark S. Scucchi
Title: Senior Vice President – Chief Financial Officer and
Treasurer

[Signature Page to Registration Rights Agreement]

Confirmed and accepted as of the date first above written:

BOFA SECURITIES, INC.

For itself and on behalf of the
several Initial Purchasers

BOFA SECURITIES, INC.

By /s/ Carla Ruiz-Ney

Name: Carla Ruiz-Ney

Title: Director

[Signature Page to Registration Rights Agreement]

Initial Guarantors

RANGE RESOURCES-PINE MOUNTAIN, INC.
RANGE RESOURCES-MIDCONTINENT, LLC
RANGE PRODUCTION COMPANY, LLC
RANGE RESOURCES - APPALACHIA, LLC
RANGE RESOURCES - LOUISIANA, INC.
RANGE LOUISIANA OPERATING, LLC

Schedule 1

Initial Purchasers

BofA Securities, Inc.
J.P. Morgan Securities LLC
Wells Fargo Securities
Citigroup Global Markets Inc.
BMO Capital Markets Corp.
Mizuho Securities USA LLC
Barclays Capital Inc.
Credit Suisse Securities (USA) LLC
Natixis Securities Americas LLC
PNC Capital Markets LLC
ABN AMRO Securities (USA) LLC
BBVA Securities Inc.
BOK Financial Securities, Inc.
SunTrust Robinson Humphrey, Inc.
Capital One Securities, Inc.
Credit Agricole Securities (USA) Inc.
MUFG Securities Americas Inc.
RBC Capital Markets, LLC
SG Americas Securities, LLC
CIBC World Markets Corp.
Comerica Securities, Inc.
Commonwealth Bank of Australia
KeyBanc Capital Markets Inc.
Scotia Capital (USA) Inc.

Schedule 2

NEWS RELEASE

RANGE ANNOUNCES EARLY RESULTS OF CASH TENDER OFFERS

FORT WORTH, TEXAS, January 23, 2020 — **RANGE RESOURCES CORPORATION (NYSE: RRC)** (“Range” or the “Company”) announced today the results to date of Range’s previously announced cash tender offers (the “Tender Offers”) to purchase up to \$500 million aggregate principal amount (the “Aggregate Maximum Tender Amount”) of its outstanding 5.750% senior notes due 2021 (the “2021 Notes”), 5.875% senior notes due 2022 (the “5.875% 2022 Notes”) and 5.000% senior notes due 2022 (the “5.000% 2022 Notes”) (collectively, the “Notes”).

Based on information provided by D.F. King and Co., the tender agent for the Tender Offers, approximately \$1,057.9 million aggregate principal amount of Notes were validly tendered (and not validly withdrawn) at or prior to 5:00 p.m., New York City time, on January 22, 2020 (the “Early Tender Date”). The following table sets forth the approximate aggregate principal amounts of each series of Notes that were validly tendered (and not validly withdrawn) as of the Early Tender Date and the principal amounts that, subject to satisfaction of the conditions to the Tender Offers described below, are expected to be accepted for purchase pursuant to the Tender Offers:

Title of Notes	CUSIP Numbers / ISIN	Acceptance Priority Level	Principal Amount Outstanding Prior to the Tender Offers(1)	Total Consideration(2)(3)	Principal Amount of Notes Tendered	Principal Amount of Notes Expected to Be Accepted for Purchase	Proration Factor(4)
5.750% Senior Notes due 2021	75281AAW9/ US75281AAW99	1	\$ 374,139,000	\$ 1,035.00	\$ 324,080,000	\$324,080,000	100%
5.875% Senior Notes due 2022	75281AAU3/ US75281AAU34	2	\$ 297,617,000	\$ 1,021.25	\$ 282,158,000	\$175,920,000	62.3%
5.000% Senior Notes due 2022	75281AAY5/ US75281AAY55	3	\$ 511,886,000	\$ 1,012.50	\$ 451,669,000	\$ 0	0%

(1) As of January 8, 2020.

(2) Holders will also receive accrued and unpaid interest from the applicable last interest payment with respect to the Notes accepted for purchase to, but not including, the Early Settlement Date (as defined below).

(3) Includes the Early Tender Premium (as defined below).

(4) The final proration factor has been rounded to the nearest tenth of a percentage point for presentation purposes.

The amount of each series of Notes expected to be accepted for purchase was determined pursuant to the terms and conditions of the Tender Offers as set forth in the Offer to Purchase dated January 8, 2020 (the “Offer to Purchase”). Subject to satisfaction of the conditions to the Tender Offers set forth in the Offer to Purchase, including closing of the Company’s previously announced offering of 9.25% senior notes due 2026 on January 24, 2020, the Company expects to accept and pay for Notes tendered prior to the Early Tender Date, subject to proration described herein, on or about January 24, 2020 (the “Early Settlement Date”). Holders of Notes that have been accepted for purchase in connection with the Early Tender Date will receive the applicable Total Consideration set forth in the table above, which includes an early tender premium of \$50.00 per \$1,000 principal amount of the Notes accepted for purchase (the “Early Tender Premium”). In addition to the Total Consideration, all holders of Notes accepted for purchase in connection with the Early Tender Date will receive accrued and unpaid interest from and including the last interest payment date applicable to the relevant series of Notes up to, but not including, the Early Settlement Date. The deadline for holders to validly withdraw tenders of Notes has passed. Accordingly, tendered Notes may no longer be withdrawn or revoked, except in certain limited circumstances where additional withdrawal or revocation rights are required by law.

Although the Tender Offers are scheduled to expire at Midnight, New York City time, at the end of February 5, 2020, because holders of Notes subject to the Tender Offers validly tendered and did not validly withdraw Notes on or before the Early Tender Date in an amount that exceeds the Aggregate Maximum Tender Amount, the 5.875% 2022 Notes validly tendered (and not validly withdrawn) at or prior to the Early Tender Date are expected to be accepted on a pro rata basis, subject to a proration factor of approximately 62.3%, and none of the 5.000% 2022 Notes are expected to be accepted for purchase. The Company does not expect to accept for purchase any tenders of Notes after the Early Tender Date.

The Tender Offers are subject to the satisfaction of the conditions described in the Offer to Purchase. Such conditions may be waived by the Company in its sole discretion, subject to applicable law. Any waiver of a condition by the Company will not constitute a waiver of any other condition.

The dealer manager for the Tender Offers is BofA Securities. Any questions regarding the terms of the Tender Offers should be directed to the Dealer Manager, BofA Securities at (toll-free) 888-292-0070 or (collect) 980-388-3646. The information agent and tender agent is D.F. King & Co., Inc. Any questions regarding procedures for tendering Notes or requests for copies of the Offer to Purchase or other documents relating to the Tender Offers should be directed to the information agent for the Tender Offers, D.F. King & Co., Inc., at (866) 342-4882 (toll-free), (212) 269-5550 (all others) or rrc@dfking.com.

This press release shall not constitute an offer to sell, a solicitation to buy or an offer to purchase or sell any securities. No offer, solicitation, purchase or sale will be made in any jurisdiction in which such offer, solicitation, or sale would be unlawful. The offer is being made solely pursuant to the terms and conditions set forth in the Offer to Purchase. Nothing contained herein shall constitute an offer of Range's separately announced 9.25% senior notes due 2026 (the "Debt Financing").

RANGE RESOURCES CORPORATION (NYSE: RRC) is a leading U.S. independent natural gas, NGL and oil producer with operations focused on stacked-pay projects in the Appalachian Basin. The Company pursues an organic development strategy targeting high return, low-cost projects within its large inventory of low risk development drilling opportunities. The Company is headquartered in Fort Worth, Texas.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, including those related to the completion of the Debt Financing and Tender Offers. These statements are based on expectations and assumptions that Range's management believes are reasonable based on currently available information; however, there is no assurance that these expectations and assumptions can or will be met. Any number of factors could cause actual results to differ materially from those in this press release, including, but not limited to, the satisfaction of the Debt Financing and all conditions set forth in the Offer to Purchase, not all of which are within Range's control. Range undertakes no obligation to publicly update or revise any forward-looking statements. Further information on risks and uncertainties is available in Range's filings with the Securities and Exchange Commission, including its most recent Annual Report on Form 10-K and its subsequent Quarterly Reports on Form 10-Q, which are incorporated herein by reference.

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