Bonanza Creek Energy, Inc. Form S-3ASR November 12, 2013

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As filed with the Securities and Exchange Commission on November 12, 2013.

Registration No. 333-

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

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

Bonanza Creek Energy, Inc.*

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

61-1630631

(I.R.S. Employer Identification No.)

410 17th Street, Suite 1400 Denver, Colorado 80202 (720) 440-6100

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

Michael R. Starzer
President and Chief Executive Officer
Bonanza Creek Energy, Inc.
410 17th Street, Suite 1400
Denver, Colorado 80202
(720) 440-6100

Christopher I. Humber, Esq.
Senior Vice President, General Counsel & Secretary
Bonanza Creek Energy, Inc.
410 17th Street, Suite 1400
Denver, Colorado 80202
(720) 440-6100

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

Copies to:
Dallas Parker, Esq.
Mayer Brown LLP
700 Louisiana Street, Suite 3400
Houston, Texas 77002
(713) 238-3000

Approximate Date of Commencement of Proposed Sale to the Public: From time to time after the effective date of this registration statement.

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

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

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

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

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

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

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). (Check one):

Large accelerated filer o

(1)

Accelerated filer ý

Non-accelerated filer o

Smaller reporting company o

(Do not check if a smaller reporting company)

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered/ Proposed maximum offering price(1)	Amount of registration fee(1)	
Senior Notes	\$220,000,000		
Guarantees of Senior Notes	N/A	(2)	

(1) In accordance with Rules 456(b) and 457(r), the registrant is deferring payment of all of the registration fee.

(2) Subsidiaries of Bonanza Creek Energy, Inc. may fully and unconditionally guarantee on an unsecured basis the senior notes of Bonanza Creek Energy, Inc. In accordance with Rule 457(n), no separate fee is payable with respect to the guarantees of the senior notes being registered.

*ADDITIONAL SUBSIDIARY GUARANTOR REGISTRANTS

	State or Other Jurisdiction	I.R.S. Employee
Exact Name of Additional Registrant as Specified in its Charter(1)	of Incorporation or Organization	Identification No.
Bonanza Creek Energy Operating Company, LLC	Delaware	20-4830537
Bonanza Creek Energy Resources Company, LLC	Delaware	26-2526378
Bonanza Creek Energy Upstream LLC	Delaware	26-2526378
Bonanza Creek Energy Midstream, LLC	Delaware	26-2526378
Holmes Eastern Company, LLC	Delaware	24-4665456

The address and telephone number of each additional registrant's principal executive office is 410 17th Street, Suite 1400, Denver, CO 80202, telephone (720) 440-6100.

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PROSPECTUS

\$220,000,000 Senior Notes Guarantees of Senior Notes

We may offer and sell from time to time senior notes issued in an aggregate principal amount of up to \$220,000,000 of one or more series in one or more offerings in amounts, at prices and on terms determined at the time of the offering. This prospectus provides you with a general description of the senior notes we may offer. Any senior notes we offer pursuant to this prospectus may be guaranteed by one or more of our subsidiaries on terms to be determined at the time of the offering. Unless the context otherwise indicates, we refer to the senior notes and the guarantees of the senior notes as the "senior notes."

We will provide specific terms of any offering and these senior notes in one or more supplements to this prospectus. We may also authorize one or more free writing prospectuses to be provided to you in connection with these offerings. Any prospectus supplement and any related free writing prospectus may also add to, update, or change information contained in this prospectus. You should carefully read this prospectus, the applicable prospectus supplement and any related free writing prospectus, as well as the documents incorporated or deemed to be incorporated by reference in this prospectus, before you purchase any of the securities offered hereby.

These senior notes may be offered and sold in the same offering or in separate offerings, to or through underwriters, dealers, and agents, or directly to purchasers. The names of any underwriters, dealers, or agents involved in the sale of our securities, any applicable fees, commissions, discounts and any over-allotment options held by them will be described in the applicable prospectus supplement. The price to the public of such senior notes and the net proceeds that we expect to receive from such sale will also be set forth in a prospectus supplement.

Investing in our securities involves a high degree of risk. See "Risk Factors" on page 6 of this prospectus and in the documents that are incorporated by reference herein and contained in the applicable prospectus supplement and any related free writing prospectus.

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

The date of this prospectus is November 12, 2013.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement we filed with the United States Securities and Exchange Commission (the "SEC") using a "shelf" registration process. Under this shelf process, we may sell the senior notes described in this prospectus.

This prospectus only provides you with a general description of the senior notes we may offer. Each time we sell senior notes, we will provide a prospectus supplement containing specific information about the terms of that offering. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these offerings. The prospectus supplement and any related free writing prospectus may also add, update or change information contained in this prospectus. To the extent that information in any prospectus supplement or the information incorporated by reference in any prospectus supplement is inconsistent with information contained in this prospectus, the information in such prospectus supplement or the information incorporated by reference into such prospectus supplement shall govern. You should read both this prospectus, any prospectus supplement and any related free writing prospectus, together with additional information described under "Where You Can Find More Information" and "Information Incorporated by Reference."

Wherever references are made in this prospectus to information that will be included in a prospectus supplement or a related free writing prospectus, to the extent permitted by applicable law, rules or regulations, we may instead include such information or add, update or change the information contained in this prospectus by means of a post-effective amendment to the registration statement of which this prospectus is a part, through filings we make with the SEC that are incorporated by reference in this prospectus or by any other method as may then be permitted under applicable law, rules or regulations.

You should rely only on the information contained in or incorporated by reference into this prospectus. We have not authorized any other person to provide you with different or additional information. If anyone provides you with different or additional information, you should not rely on it. The information in this prospectus is as of the date on the front cover. The information we have filed and will file with the SEC that is incorporated by reference into this prospectus is as of the filing date of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates and may change again.

The terms "we," "us," "our," "our company," "the Company" and "Bonanza Creek Energy" refer to Bonanza Creek Energy, Inc. and its subsidiaries, unless the context otherwise requires or where otherwise indicated.

THIS PROSPECTUS MAY NOT BE USED TO SELL ANY SECURITIES UNLESS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.

We are not making an offer of these securities in any jurisdiction where the offer is not permitted. You should not assume that the information in this prospectus or a prospectus supplement is accurate as of any date other than the date on the front of the document.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

The information in this prospectus and the documents incorporated by reference hereto contains various statements, including those that express belief, expectation or intention, as well as those that are not statements of historic fact, that are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"). These forward-looking statements may include projections and estimates concerning our capital expenditures, our liquidity and capital resources, our estimated revenues and losses, the timing and success of specific projects, outcomes and effects of litigation, claims and disputes, our business strategy and other statements concerning our operations, economic performance and financial condition. When used in this prospectus, the words "could," "believe," "anticipate," "intend," "estimate," "expect," "may," "continue," "predict,""potential," "project" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain such identifying words.

Forward-looking statements include statements related to, among other things: our financial position; reserves estimates; estimates of loss contingencies; liability for environmental and restoration obligations; anticipated amount of production and percentage of liquids production; anticipated amount and allocation of forecasted capital expenditures and plans for funding capital expenditures and operating expenses; ability to modify future capital expenditures; the Wattenberg Field being the most prospective area of the Niobrara formation; compliance with debt covenants; ability to satisfy obligations related to ongoing operations; access to adequate gathering systems and pipeline take-away capacity to execute our drilling program; impact from high gas gathering pipeline pressures and emission compliance on production and results of operations;

fair value measurements;

estimated discount rate;
inflationary pressures;
natural gas, oil and NGL prices and factors affecting the volatility of such prices;
the ability to use derivative instruments to manage commodity price risk and its impact on our cash flows;
creditworthiness of counterparties and the impact of a counterparty's failure to perform;
change in internal controls and risk factors;
plans to drill or participate in wells;
loss of any purchaser of our products;
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compliance with local, state and federal regulation; our ability to replace oil and natural gas reserves; impact of recently issued accounting pronouncements; sufficiency of our cash on hand, cash flow from operating activities and availability under our revolving credit facility to fund our planned capital expenditures and operating expenses and comply with our debt covenants; and other economic, competitive, governmental, legislative, regulatory, geopolitical and technological factors that may negatively impact our businesses, operations or pricing. We have based these forward-looking statements on certain assumptions and analyses we have made in light of our experience and our perception of historical trends, current conditions and expected future developments as well as other factors we believe are appropriate under the circumstances. They can be affected by inaccurate assumptions or by known or unknown risks and uncertainties. Many such factors will be important in determining actual future results. The actual results or developments anticipated by these forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond our control, and may not be realized or, even if substantially realized, may not have the expected consequences. Actual results could differ materially from those expressed or implied in the forward-looking statements. Factors that could cause actual results to differ materially include, but are not limited to, the following: the risk factors discussed in this prospectus; declines or volatility in the prices we receive for our oil, liquids and natural gas; general economic conditions, whether internationally, nationally or in the regional and local market areas in which we do business: the continuing global economic slowdown that has and may continue to adversely affect consumption of oil and natural gas by businesses and consumers; ability of our customers to meet their obligations to us;

our ability to generate sufficient cash flow from operations, borrowings or other sources to enable us to fully develop our undeveloped acreage positions;

the presence or recoverability of estimated oil and natural gas reserves and the actual future production rates and associated costs:

uncertainties associated with estimates of proved oil and gas reserves and, in particular, probable and possible resources;

the possibility that the industry may be subject to fur	are regulatory of	r legislative actions	(including additional t	axes and
changes in environmental regulation);				

environmental risks;

seasonal weather conditions and lease stipulations;

drilling and operating risks, including the risks associated with the employment of horizontal drilling techniques;

ability to acquire adequate supplies of water for drilling operations;

availability of oilfield equipment, services and personnel;

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exploration and development risks;
competition in the oil and natural gas industry;
management's ability to execute our plans to meet our goals;
risks related to our derivative instruments;
our ability to retain key members of our senior management and key technical employees;
ability to maintain effective internal controls;
access to adequate gathering systems and pipeline take-away capacity to execute our drilling program;
our ability to secure firm transportation for oil and natural gas we produce and to sell the oil and natural gas at market prices
costs and other risks associated with perfecting title for mineral rights in some of our properties;
continued hostilities in the Middle East and other sustained military campaigns or acts of terrorism or sabotage; and
other economic, competitive, governmental, legislative, regulatory, geopolitical and technological factors that may negatively impact our businesses, operations or pricing.

All forward-looking statements speak only as of the date of this prospectus. We disclaim any obligation to update or revise these statements unless required by law, and you should not place undue reliance on these forward-looking statements. Although we believe that our plans, intentions and expectations reflected in or suggested by the forward-looking statements we make in this prospectus and the documents incorporated by reference hereto are reasonable, we can give no assurance that these plans, intentions or expectations will be achieved. We disclose important factors that could cause our actual results to differ materially from our expectations under "Risk Factors" and elsewhere in this prospectus and in the section entitled "Risk Factors" included in our Annual Report on Form 10-K for the year ended December 31, 2012 and any subsequently filed reports, which are incorporated by reference in this prospectus. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

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THE COMPANY

We are an independent energy company engaged in the acquisition, exploration, development and production of onshore oil and associated liquids-rich natural gas in the United States. Our oil and liquids-weighted assets are concentrated primarily in the Wattenberg Field in Colorado and the Dorcheat Macedonia Field in southern Arkansas. For additional information about our business, operations and financial results, see the documents listed under "Where You Can Find More Information."

We were incorporated under the laws of the State of Delaware on December 2, 2010. Our principal executive offices are located at 410 17th Street, Suite 1400, Denver, Colorado 80202. The telephone number at our principal executive offices is (720) 440-6100. Our website address is www.bonanzacrk.com. Information contained on our website is not deemed part of this prospectus.

RISK FACTORS

Investing in our securities involves significant risks. You should review carefully the risks and uncertainties described under the heading "Risk Factors" contained in our Annual Report on Form 10-K for the year ended December 31, 2012 and, to the extent applicable, any subsequently filed reports, which are incorporated by reference in this prospectus, and other disclosures in those documents relating to risks that may affect us, including disclosures regarding commitments and contingencies in the notes to our financial statements. Also, please read "Cautionary Statement Regarding Forward-Looking Statements." Additional risk factors that you should carefully consider may be included in a prospectus supplement relating to an offering of securities by us or any related free writing prospectus.

The risks and uncertainties described in this prospectus, any applicable prospectus supplement, any related free writing prospectus and the documents incorporated by reference herein are not the only ones that we face. Additional risks and uncertainties that we do not presently know about or that we currently believe are not material may also adversely affect our business. If any of the risks and uncertainties described in this prospectus, any applicable prospectus supplement, any related free writing prospectus or the documents incorporated by reference herein actually occur, our business, financial condition and results of operations could be materially and adversely affected.

RATIO OF EARNINGS TO FIXED CHARGES

The following table contains a summary of our earnings to fixed charges for the periods indicated. You should read the ratio information below in conjunction with the "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the financial statements and the notes thereto in our Annual Report on Form 10-K for year ended December 31, 2012 and our Quarterly Reports on Form 10-Q for the periods ended March 31, 2013, June 30, 2013 and September 30, 2013, which are incorporated by reference herein.

	Nine Months Ended September 30,		Year Ended December 31,			
	2013	2012	2011	2010	2009	2008
Ratio of earnings to fixed charges	6.1x	19.0x	7.8x	1.4x		(1) 6.9x

(1)
For the year ended December 31, 2009, earnings were inadequate to cover fixed charges and the ratio of earnings to fixed charges therefore has not been presented for that period. The coverage deficiency necessary for the ratio of earnings to fixed charges to equal 1.00x (one-to-one coverage) was \$130.2 million for the year ended December 31, 2009.

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USE OF PROCEEDS

Except as described in any prospectus supplement, we currently intend to use the net proceeds from the sale of securities by us in order to fund or accelerate development growth plans; refinance, in whole or in part, existing indebtedness; finance, in whole or in part, the costs of acquisitions or capital expenditures; or for general corporate purposes. Until we apply the proceeds from a sale of securities to their intended purposes, we may invest the proceeds in short-term investments. The specific allocations of the proceeds we receive from the sale of our securities will be described in the applicable prospectus supplement.

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DESCRIPTION OF NOTES

You can find the definitions of certain terms used in this description under the subheading "Certain Definitions" below. In this description, the term "the Company" refers only to Bonanza Creek Energy, Inc. and not to any of its Subsidiaries.

The notes to be offered hereby (the "new notes") will be an additional issue under our existing indenture, dated April 9, 2013, among the Company, as issuer, the Guarantors, as guarantors, and Wells Fargo Bank, National Association, as trustee, with respect to our outstanding 63/4% Senior Notes due 2021. On April 9, 2013 we issued \$300.0 million in aggregate principal amount of such notes in a private offering. On July 1, 2013, we consummated an exchange offer in which we issued notes registered with the SEC in exchange for these private notes. We refer to these registered notes as the "existing notes." The notes offered hereby together with the existing notes are collectively referred to herein as the "notes," except where the context indicates otherwise. The terms of the notes include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939 (the "Trust Indenture Act"). Any notes offered hereby will be part of the same series as the existing notes and will have the same CUSIP number as the existing notes.

The following description is a summary of the material provisions of the indenture. It does not restate that agreement in its entirety. We urge you to read the indenture because it, and not this description, defines the rights of holders of the notes. Copies of the indenture are available as set forth below under " Additional Information." Certain defined terms used in this description but not defined below under " Certain Definitions" have the meanings assigned to them in the indenture.

The registered holder of a note will be treated as the owner of it for all purposes. Only registered holders will have rights under the indenture, and all references to "holders" in this description are to registered holders of notes.

Brief Description of the Notes and the Note Guarantees

The Notes

Like the existing notes, the new notes will be:

general unsecured obligations of the Company;

pari passu in right of payment with all existing and future senior Indebtedness of the Company (including the existing notes);

senior in right of payment to any future subordinated Indebtedness of the Company; and

unconditionally guaranteed by the Guarantors.

Like the existing notes, the new notes will be effectively subordinated to all borrowings and other obligations under the Credit Agreement and other secured Indebtedness to the extent of the value of the collateral securing such Indebtedness, and structurally subordinated to all indebtedness and other liabilities of our Subsidiaries that do not guarantee the notes. See "Risk Factors Risks Related to the Notes The notes and the guarantees will be unsecured obligations and will be effectively subordinated to all of our existing and future secured indebtedness and structurally subordinated to the existing and future indebtedness of any non-guarantor subsidiaries."

The Note Guarantees

All of the Company's Domestic Subsidiaries currently guarantee the existing notes, and initially, the new notes will also be guaranteed by all of the Company's Domestic Subsidiaries.

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Like each guarantee of the existing notes, each guarantee of the notes offered hereby will be:

a general unsecured obligation of the Guarantor;

pari passu in right of payment with all existing and future senior Indebtedness of that Guarantor; and

senior in right of payment to any future subordinated Indebtedness of that Guarantor.

Like each guarantee of the existing notes, each guarantee of the notes offered hereby will be effectively subordinated to the Guarantor's guarantee of our borrowings and other obligations under the Credit Agreement and all other secured Indebtedness of the Guarantor to the extent of the value of the collateral securing such Indebtedness, and structurally subordinated to all indebtedness and other liabilities of our Subsidiaries that do not guarantee the notes.

As of the issue date of the notes offered hereby, all of our Subsidiaries will be "Restricted Subsidiaries." However, under the circumstances described below under the caption " Certain Covenants Designation of Restricted and Unrestricted Subsidiaries," we will be permitted to designate certain of our Subsidiaries as "Unrestricted Subsidiaries." Our Unrestricted Subsidiaries will not be subject to many of the restrictive covenants in the indenture. Our Unrestricted Subsidiaries will not guarantee the notes.

Principal, Maturity and Interest

The Company issued the existing notes in an aggregate principal amount of \$300.0 million on April 9, 2013. The Company may issue additional notes under the indenture from time to time after this offering. Any issuance of additional notes is subject to all of the covenants in the indenture, including the covenant described below under the caption "Certain Covenants Incurrence of Indebtedness and Issuance of Preferred Stock." The existing notes, the notes offered hereby and any additional notes subsequently issued under the indenture will be treated as a single class for all purposes under the indenture, including, without limitation, waivers, amendments, redemptions and offers to purchase. Unless otherwise provided or the context otherwise requires, for all purposes of the indenture and this "Description of Notes," references to the notes include the existing notes, the notes offered hereby and any additional notes actually issued. The Company will issue the notes offered hereby in denominations of \$2,000 and integral multiples of \$1,000 in excess of \$2,000. The notes will mature on April 15, 2021.

Interest on the notes will accrue at the rate of 6.75% per annum and will be payable semi-annually in arrears on April 15 and October 15. The first scheduled interest payment on the new notes is April 15, 2014. Interest on overdue principal and interest, if any, will accrue at a rate that is 1% higher than the then applicable interest rate on the notes. The Company will make each interest payment to the holders of record on the immediately preceding April 1 and October 1.

Interest on the notes will accrue from the date of original issuance or, if interest has already been paid, from the date it was most recently paid. Interest will be computed on the basis of a 360-day year comprised of twelve 30-day months.

Methods of Receiving Payments on the Notes

The Company will make payments in respect of the notes represented by Global Notes as specified below under the caption "Same Day Settlement and Payment." If a holder of Certificated Notes has given wire transfer instructions to the Company, the Company will pay all principal of, premium, if any, on and interest, if any, on, that holder's notes in accordance with those instructions. All other payments on the notes will be made at the office or agency of the paying agent and registrar within the City and

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State of New York unless the Company elects to make interest payments by check mailed to the noteholders at their address set forth in the register of holders.

Paying Agent and Registrar for the Notes

The trustee acts as paying agent and registrar. The Company may change the paying agent or registrar without prior notice to the holders of the notes, and the Company or any of its Subsidiaries may act as paying agent or registrar.

Transfer and Exchange

A holder may transfer or exchange notes in accordance with the provisions of the indenture. The registrar and the trustee may require a holder, among other things, to furnish appropriate endorsements and transfer documents in connection with a transfer of notes. Holders will be required to pay all taxes due on transfer. The Company will not be required to transfer or exchange any note selected for redemption. Also, the Company will not be required to transfer or exchange any note for a period of 15 days before a selection of notes to be redeemed.

Note Guarantees

Like the existing notes, the notes offered hereby initially will be guaranteed by each of the Company's current Domestic Subsidiaries. In the future, other Domestic Restricted Subsidiaries of the Company will be required to guarantee the notes under the circumstances described below under "Certain Covenants Additional Note Guarantees." These Note Guarantees will be joint and several obligations of the Guarantors. The obligations of each Guarantor under its Note Guarantee will be limited as necessary to prevent that Note Guarantee from constituting a fraudulent conveyance under applicable law, although this limitation may not be effective to prevent the Subsidiary Guarantees from being voided in bankruptcy. See "Risk Factors Risks Related to the Notes Federal and state statutes allow courts, under specific circumstances, to void guarantees and require noteholders to return payments received from guarantors."

A Guarantor may not sell or otherwise dispose of, in one or more 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 Company or another Guarantor, unless:

- (1) immediately after giving effect to such transaction or series of transactions, no Default or Event of Default exists; and
- (2) either:
 - (a)
 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 Note Guarantee and the indenture, pursuant to a supplemental indenture in form reasonably satisfactory to the trustee; or
 - (b) such transaction or series of transactions does not violate the "Asset Sale" provisions of the indenture.

The Note Guarantee of a Guarantor will be released:

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 Company or a Restricted

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Subsidiary of the Company, if the sale or other disposition does not violate the "Asset Sale" provisions of the indenture;

- 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 Company or a Restricted Subsidiary of the Company, if the sale or other disposition does not violate the "Asset Sale" provisions of the indenture and the Guarantor ceases to be a Restricted Subsidiary of the Company as a result of the sale or other disposition;
- if the Company designates any Restricted Subsidiary that is a Guarantor to be an Unrestricted Subsidiary in accordance with the applicable provisions of the indenture;
- (4)
 upon legal defeasance, covenant defeasance or satisfaction and discharge of the indenture as provided below under the captions " Legal Defeasance and Covenant Defeasance" and " Satisfaction and Discharge;" or
- at such time as such Guarantor (a) does not Guarantee any Indebtedness of the Company or any other Guarantor other than the Notes (except as a result of payment under any such other Guarantee) and (b) is not a Domestic Subsidiary that is an obligor with respect to any Indebtedness under any Credit Facility.

See " Repurchase at the Option of Holders Asset Sales."

Optional Redemption

Except pursuant to the following paragraphs and as described in the final paragraph under "Repurchase at the Option of Holders Change of Control," the notes will not be redeemable at the Company's option.

At any time prior to April 15, 2016, the Company may on any one or more occasions redeem up to 35% of the aggregate principal amount of notes issued under the indenture, upon not less than 30 nor more than 60 days' notice, at a redemption price equal to 106.75% of the principal amount of the notes redeemed, plus accrued and unpaid interest, if any, 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), with an amount of cash not greater than the net cash proceeds of an Equity Offering; *provided* that:

- (1) at least 65% of the aggregate principal amount of notes originally issued under the indenture (excluding notes held by the Company and its Subsidiaries) remains outstanding immediately after the occurrence of such redemption; and
- (2) the redemption occurs within 90 days of the date of the closing of such Equity Offering.

At any time prior to April 15, 2017, the Company may on any one or more occasions redeem all or a part of the notes, upon not less than 30 nor more than 60 days' 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, if any, 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.

On or after April 15, 2017, the Company may on any one or more occasions redeem all or a part of the notes, upon not less than 30 nor more than 60 days' notice, at the redemption prices (expressed as percentages of principal amount) set forth below, plus accrued and unpaid interest, if any, on the notes redeemed, to the date of redemption, if redeemed during the twelve-month period beginning on

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April 15 of the years indicated below, subject to the rights of holders of notes on the relevant record date to receive interest on the relevant interest payment date:

Year	Percentage
2017	103.375%
2018	101.688%
2019 and thereafter	100.000%

Unless the Company defaults in the payment of the redemption price, or the redemption is conditioned upon the completion of an Equity Offering pursuant to the second paragraph under the caption "Optional Redemption" and such offering is not so completed, interest will cease to accrue on the notes or portions thereof called for redemption on the applicable redemption date.

Mandatory Redemption

The Company is not required to make mandatory redemption or sinking fund payments with respect to the notes.

Repurchase at the Option of Holders

Change of Control

If a Change of Control occurs, each holder of notes will have the right to require the Company 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 Change of Control Offer on the terms set forth in the indenture. In the Change of Control Offer, the Company will offer a payment in cash (a "Change of Control Payment") equal to 101% of the aggregate principal amount of notes repurchased, plus accrued and unpaid interest, if any, 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, the Company will mail 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 mailed, pursuant to the procedures required by the indenture and described in such notice. The Company 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. To the extent that the provisions of any securities laws or regulations conflict with the Change of Control provisions of the indenture, the Company will comply with the applicable securities laws and regulations and will be deemed not to have breached its obligations under the Change of Control provisions of the indenture by virtue of such compliance.

Promptly following the expiration of the Change of Control Offer, the Company 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 Company 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 Company.

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The paying agent will promptly mail or wire transfer to each holder of notes properly tendered the Change of Control Payment for such notes (or, if all the notes are then in global form, make such payment through the facilities of DTC), and the trustee will promptly authenticate and mail (or cause to be transferred by book entry) to each holder a new note equal in principal amount to any unpurchased portion of the notes surrendered, if any. The Company will publicly announce the results of the Change of Control Offer on or as soon as practicable after the Change of Control Purchase Date.

The provisions described above that require the Company to make a Change of Control Offer following a Change of Control will be applicable whether or not any other provisions of the indenture are applicable. Except as described above with respect to a Change of Control, the indenture does not contain provisions that permit the holders of the notes to require that the Company repurchase or redeem the notes in the event of a takeover, recapitalization or similar transaction.

The Company will not be required to make a Change of Control Offer upon a Change of Control if (1) a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements set forth in the indenture applicable to a Change of Control Offer made by the Company and purchases all notes properly tendered and not withdrawn under the Change of Control Offer, or (2) notice of redemption has been given pursuant to the indenture as described above under the caption "Optional Redemption," unless and until there is a default in payment of the applicable redemption price. Notwithstanding anything to the contrary contained in the indenture, a Change of Control Offer may be made in advance of a Change of Control, 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.

The definition of Change of Control includes a phrase relating to the direct or indirect sale, lease, transfer, conveyance or other disposition of "all or substantially all" of the properties or assets of the Company and its Subsidiaries taken as a whole. Although there is a limited body of case law interpreting the phrase "substantially all," there is no precise established definition of the phrase under applicable law. Accordingly, the ability of a holder of notes to require the Company to repurchase its notes as a result of a sale, lease, transfer, conveyance or other disposition of less than all of the assets of the Company and its Subsidiaries taken as a whole to another Person or group may be uncertain.

In the event that holders of not less than 90% in aggregate principal amount of the outstanding notes accept a Change of Control Offer and the Company (or any third party making such Change of Control Offer in lieu of the Company as described above) purchases all of the notes held by such holders, the Company will have the right, upon not less than 30 nor more than 60 days prior notice, given not more than 30 days following the purchase pursuant to the Change of Control Offer described above, to redeem all of the notes 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, if any, on the notes that remain outstanding, to the date of redemption (subject to the right of holders of record on the relevant record date to receive interest due on an interest payment date that is on or prior to the redemption date).

Asset Sales

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

the Company (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 as of the date of the definitive agreement with respect to such Asset Sale) of the assets or Equity Interests issued or sold or otherwise disposed of; and

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at least 75% of the aggregate consideration received in the Asset Sale by the Company or a Restricted Subsidiary is in the form of cash or Cash Equivalents. For purposes of this clause (2) only, each of the following will be deemed to be cash:

- (a) any liabilities, as shown on the Company's most recent consolidated balance sheet, of the Company or any Restricted Subsidiary (other than contingent liabilities and liabilities that are by their terms subordinated to the notes or any Note Guarantee) that are assumed by the transferee of any such assets pursuant to a customary novation or indemnity agreement that releases the Company or such Restricted Subsidiary from or indemnifies against further liability;
- (b)
 any securities, notes or other obligations received by the Company or any Restricted Subsidiary from such transferee that are, within 30 days of the Asset Sale, converted by the Company or such Restricted Subsidiary into cash, to the extent of the cash received in that conversion; and
- (c) any stock or assets of the kinds referred to in clauses (2) or (4) of the next paragraph of this covenant.

Within 365 days after the receipt of any Net Proceeds from an Asset Sale, the Company (or any Restricted Subsidiary) may apply such Net Proceeds at its option to any combination of the following:

- (1) to repay, purchase, repurchase, redeem, defease or otherwise acquire, retire or terminate (a) Indebtedness and all other Obligations related thereto that are secured by a Lien or (b) Obligations under Indebtedness of a Restricted Subsidiary that is not a Guarantor (other than Indebtedness owed to the Issuer or another Restricted Subsidiary);
- (2) to acquire all or substantially all of the assets of, or any Capital Stock of, one or more other Persons primarily engaged in the Oil and Gas Business, if, after giving effect to any such acquisition of Capital Stock, such Person becomes a Restricted Subsidiary of the Company;
- (3) to make capital expenditures in respect of the Company's or any Restricted Subsidiary's Oil and Gas Business; or
- (4) to acquire other assets that are not classified as current assets under GAAP and that are used or useful in the Oil and Gas Business.

The requirement of clauses (2) through (4) of the preceding paragraph 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 Company or any Restricted Subsidiary, as the case may be, with a Person other than an Affiliate of the Company within the time period specified in the preceding paragraph and such Net Proceeds are subsequently applied in accordance with such contract within six months following the date such agreement is entered into.

Pending the final application of any Net Proceeds, the Company (or any Restricted Subsidiary) may temporarily reduce revolving credit borrowings or otherwise invest the Net Proceeds in any manner that is not prohibited by the indenture.

Any Net Proceeds from Asset Sales that are not applied or invested as provided in the second paragraph of this covenant will constitute "Excess Proceeds." When the aggregate amount of Excess Proceeds exceeds \$20.0 million, within 10 business days thereof, the Company 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 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, 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,

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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, if any, 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 Company 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 and other *pari passu* Indebtedness tendered in (or required to be prepaid or redeemed in connection with) such Asset Sale Offer exceeds the amount of Excess Proceeds, the trustee will select the notes and such other *pari passu* Indebtedness to be purchased, prepaid or redeemed 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 unless otherwise required by law), based on the amounts tendered or required to be prepaid or redeemed (with such adjustments as may be deemed appropriate by the Company so that only notes in denominations of \$2,000, or an integral multiple of \$1,000 in excess thereof, will be purchased). Upon completion of each Asset Sale Offer, the amount of Excess Proceeds will be reset at zero.

The Company 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 the Asset Sale provisions of the indenture, the Company will comply with the applicable securities laws and regulations and will be deemed not to have breached its obligations under the Asset Sale provisions of the indenture by virtue of such compliance.

The Credit Agreement contains, and future agreements may contain, prohibitions of certain events, including events that would constitute a Change of Control or an Asset Sale. The exercise by the holders of notes of their right to require the Company to repurchase the notes upon a Change of Control or an Asset Sale could cause a default under these other agreements, even if the Change of Control or Asset Sale itself does not, due to the financial effect of such repurchases on the Company. In the event a Change of Control or Asset Sale occurs at a time when the Company is prohibited from purchasing notes, the Company could seek the consent of its senior lenders to the purchase of notes or could attempt to refinance the borrowings that contain such prohibition. If the Company does not obtain a consent or repay those borrowings, the Company will remain prohibited from purchasing notes. In that case, the Company's failure to purchase tendered notes would constitute an Event of Default under the indenture, which could, in turn, constitute a default under the other indebtedness. Finally, the Company's ability to pay cash to the holders of notes upon a repurchase may be limited by the Company's then existing financial resources. See "Risk Factors Risks Related to the Notes We may not be able to repurchase the notes upon a change of control."

Selection and Notice

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 as discussed under "Book-Entry, Delivery and Form," 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 a *pro rata* selection as the trustee deems fair and appropriate) unless otherwise required by law or applicable stock exchange or depositary requirements.

No notes of \$2,000 or less can be redeemed in part. Notices of redemption will be mailed by first class mail at least 30 but not more than 60 days before the redemption date to each holder of notes to be redeemed at its registered address, except that redemption notices may be mailed more than 60 days

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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. Notices of redemption may not be conditional, except that any redemption pursuant to the second paragraph under the caption "Optional Redemption" may, at the Company's discretion, be subject to completion of the related Equity Offering.

If any note is to be redeemed in part only, the notice of redemption that relates to that note will state the portion of the principal amount of that note that is to be redeemed. A new note in principal amount equal to the unredeemed portion of the original note will be issued in the name of the holder of notes upon cancellation of the original note. Notes called for redemption become due on the date fixed for redemption. On and after the redemption date, interest ceases to accrue on notes or portions of notes called for redemption.

Certain Covenants

Suspension of Covenants if Notes Rated Investment Grade

If on any date following the date of the indenture:

- the notes are rated Baa3 or better by Moody's and BBB- or better by S&P (or, if either such entity ceases to rate the notes for reasons outside of the control of the Company, the equivalent investment grade credit rating from any other "nationally recognized statistical rating organization" within the meaning of Rule 15c3-1(a)(62) under the Exchange Act selected by the Company as a replacement agency); and
- no Default or Event of Default shall have occurred and be continuing,

then, beginning on that day and subject to the provisions of the following paragraph, the covenants specifically listed under the following captions in this prospectus will be suspended:

- (1)
 " Repurchase at the Option of Holders Asset Sales;"
- (2) " Restricted Payments;"
- (3)" Incurrence of Indebtedness and Issuance of Preferred Stock;"
- (4)" Dividend and Other Payment Restrictions Affecting Restricted Subsidiaries;"
- (5)" Designation of Restricted and Unrestricted Subsidiaries:"
- (6)
 " Transactions with Affiliates;" and
- (7) clause (4) of the covenant described below under the caption " Merger, Consolidation or Sale of Assets."

During any period that the foregoing covenants have been suspended, the Company's Board of Directors may not designate any of its Subsidiaries as Unrestricted Subsidiaries pursuant to the covenant described below under the caption " Designation of Restricted and Unrestricted Subsidiaries" or the definition of "Unrestricted Subsidiary."

Notwithstanding the foregoing, if the rating assigned by either such rating agency should subsequently decline to below Baa3 or BBB-, respectively, the foregoing covenants will be reinstituted as of and from the date of such rating decline. Calculations under the reinstated "Restricted Payments" covenant will be made as if the "Restricted Payments" covenant had been in effect since the date of the indenture except that no default will be deemed to have occurred solely by reason of a Restricted Payment made while that covenant was suspended.

There can be no assurance that the notes will ever achieve an investment grade rating or that any such rating will be maintained.

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Restricted Payments

The Company will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly:

- declare or pay any dividend or make any other payment or distribution on account of the Company's or any of its Restricted Subsidiaries' Equity Interests (including, without limitation, any payment in connection with any merger or consolidation involving the Company or any of its Restricted Subsidiaries) or to the direct or indirect holders of the Company's or any of its Restricted Subsidiaries' Equity Interests in their capacity as such (other than dividends, payments or distributions payable in Equity Interests (other than Disqualified Stock) of the Company and other than dividends, payments or distributions payable to the Company or a Restricted Subsidiary of the Company);
- purchase, redeem or otherwise acquire or retire for value (including, without limitation, in connection with any merger or consolidation involving the Company) any Equity Interests of the Company or any direct or indirect parent of the Company (other than Equity Interests owned by the Company or any Restricted Subsidiary of the Company);
- make any principal payment on or with respect to, or purchase, redeem, defease or otherwise acquire or retire for value, prior to scheduled maturity, scheduled repayment or scheduled sinking fund payment, any Indebtedness of the Company or any Guarantor that is contractually subordinated in right of payment to the notes or to any Note Guarantee (excluding any intercompany Indebtedness between or among the Company and any of its Restricted Subsidiaries), except payments, purchases, redemptions, defeasances or other acquisitions or retirements within one year prior to the Stated Maturity thereof; or
- (4) make any Restricted Investment

(all such payments and other actions set forth in these clauses (1) through (4) above 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 Company 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 the first paragraph of the covenant
 described below under the caption " Incurrence of Indebtedness and Issuance of Preferred Stock"; and
- such Restricted Payment, together with the aggregate amount of all other Restricted Payments made by the Company and its Restricted Subsidiaries since April 9, 2013 (excluding Restricted Payments permitted by clauses (2), (3), (4), (5), (6), (7), (8), (9) and (10) of the next succeeding paragraph), is less than the sum, without duplication, of:
 - (1)
 50% of the Consolidated Net Income of the Company for the period (taken as one accounting period) from April 1,
 2013 to the end of the Company'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
 - (2)
 100% of the aggregate net cash proceeds and the Fair Market Value of property or securities other than cash (including (A) Equity Interests of Persons engaged primarily in

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the Oil and Gas Business other than the Company or a Subsidiary of the Company and (B) assets used in the Oil and Gas Business), in each case received by the Company since April 9, 2013 as a contribution to its common equity capital or from the issue or sale of Qualifying Equity Interests of the Company or from the issue or sale of convertible or exchangeable Disqualified Stock of the Company or convertible or exchangeable debt securities of the Company, in each case that have been converted into or exchanged for Qualifying Equity Interests of the Company (other than Qualifying Equity Interests and convertible or exchangeable Disqualified Stock or debt securities sold to a Subsidiary of the Company or 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 Company or any Restricted Subsidiary (unless such loans have been repaid with cash on or prior to the date of determination)); plus

- to the extent not already included in Consolidated Net Income for such period, if any Restricted Investment that was made by the Company or any of its Restricted Subsidiaries after April 9, 2013 is sold for cash (other than to the Company or any Subsidiary of the Company) or otherwise cancelled, released, liquidated or repaid for cash, the cash return of capital or other reduction with respect to such Restricted Investment resulting from such sale, liquidation, cancellation, release or repayment (less any out-of-pocket costs incurred in connection with any such transaction); plus
- the amount by which any Indebtedness of the Company or its Restricted Subsidiaries (other than any Indebtedness which by its terms is subordinated in right of payment to the notes or Note Guarantees) is reduced on the Company's balance sheet upon the conversion or exchange (other than by a Subsidiary of the Company) subsequent to April 9, 2013 of any such Indebtedness of the Company or its Restricted Subsidiaries for or into Equity Interests (other than Disqualified Stock) of the Company (less the amount of any cash, or the Fair Market Value of any other property (other than such Equity Interests), distributed by the Company 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 Company or any Subsidiary), together with the net proceeds, if any, received by the Company or any of its Restricted Subsidiaries upon such conversion or exchange; *plus*
- to the extent that any Unrestricted Subsidiary of the Company designated as such after April 9, 2013 is redesignated as a Restricted Subsidiary pursuant to the terms of the indenture, or any Unrestricted Subsidiary of the Company or other Person in which the Company or a Restricted Subsidiary has a Restricted Investment is merged or consolidated with or into, or transfers or otherwise disposes of all or substantially all of its properties or assets to or is liquidated into, the Company or a Restricted Subsidiary, or such other Person becomes a Restricted Subsidiary, after April 9, 2013, the lesser of, as of the date of such redesignation or other event, (A) the Fair Market Value of the Company's Restricted Investment in such Person (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 April 9, 2013 or, in the case of any other Person, the date such Restricted Investment was originally made; plus
- (6)
 50% of any dividends received in cash by the Company or a Restricted Subsidiary of the Company that is a Guarantor after April 9, 2013 from an Unrestricted Subsidiary of the

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Company, to the extent that such dividends were not otherwise included in the Consolidated Net Income of the Company for such period.

The preceding provisions will not prohibit:

- (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 the indenture;
- 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 Company) of, Equity Interests of the Company (other than Disqualified Stock) or from the substantially concurrent contribution of common equity capital to the Company; *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 Qualifying Equity Interests for purposes of clause (c)(2) of the preceding paragraph and will not be considered to be net cash proceeds from an Equity Offering for purposes of the "Optional Redemption" provisions of the indenture;
- (3) the declaration and payment of any dividend (or, in the case of any partnership or limited liability company, any similar distribution) by a Restricted Subsidiary of the Company to the holders of its Equity Interests on a *pro rata* basis;
- (4)
 the payment on or purchase, redemption, defeasance or other acquisition or retirement for value of Indebtedness of the Company or any Guarantor that is contractually subordinated in right of payment to the notes or to any Note Guarantee in exchange for, or out of or with the net cash proceeds from a substantially concurrent incurrence of Permitted Refinancing Indebtedness;
- so long as no Default or Event of Default has occurred and is continuing or would result therefrom, the purchase, redemption or other acquisition or retirement for value of any Equity Interests of the Company or any Restricted Subsidiary of the Company held by any current or former officer, director or employee of the Company or any of its Restricted Subsidiaries (or their respective estates, heirs, family members, spouses, former spouses or beneficiaries under their estates or other permitted transferees) pursuant to any equity subscription agreement, stock option agreement, shareholders' agreement or similar agreement; provided that the aggregate price paid for all such purchased, redeemed, acquired or retired Equity Interests (excluding amounts representing cancellation of Indebtedness) may not exceed \$2.5 million in any fiscal year plus, to the extent not previously applied or included, the net cash proceeds of key man life insurance policies received by the Company or any of its Restricted Subsidiaries after the date of the indenture;
- (6)
 the repurchase of Equity Interests deemed to occur upon the exercise of stock or other equity options to the extent such Equity Interests represent a portion of the exercise price of those stock or other equity options and any repurchase or other acquisition of Equity Interests made in lieu of withholding taxes in connection with any exercise or exchange of stock options, warrants, incentives or other rights to acquire Equity Interests;
- so long as no Default or Event of Default has occurred and is continuing or would result therefrom, the declaration and payment of regularly scheduled or accrued dividends to holders of any class or series of Disqualified Stock of the Company or any preferred stock of any Restricted Subsidiary of the Company issued on or after the date of the indenture in accordance with the Fixed Charge Coverage Ratio test described below under the caption " Incurrence of Indebtedness and Issuance of Preferred Stock;"

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- (8)

 payments of cash, dividends, distributions, advances or other Restricted Payments by the Company or any of its Restricted Subsidiaries to allow the payment of cash in lieu of the issuance of fractional shares upon (i) the exercise of options or warrants or (ii) the conversion or exchange of Capital Stock of any such Person;
- the payment, purchase, redemption, defeasance or other acquisition or retirement for value of any subordinated Indebtedness in accordance with provisions substantially similar to those described under the captions "Repurchase at the Option of Holders Change of Control" and "Repurchase at the Option of Holders Asset Sales "rovided" that prior to such payment, purchase, redemption, defeasance or other acquisition, all notes tendered by holders in connection with a Change of Control Offer or Asset Sale Offer, as applicable, have been purchased, redeemed or otherwise acquired for value in accordance with the terms of the indenture:
- payments to dissenting stockholders of the Company not to exceed \$5.0 million in the aggregate made (A) pursuant to applicable law or (B) in connection with the settlement or other satisfaction of legal claims made pursuant to or in connection with a consolidation, merger or transfer of assets in connection with a transaction not prohibited by the indenture; and
- (11) so long as no Default or Event of Default has occurred and is continuing or would result therefrom, other Restricted Payments in an aggregate amount not to exceed \$25.0 million since April 9, 2013.

The amount of all Restricted Payments (other than cash) will be the Fair Market Value on the date of the Restricted Payment (or, in the case of a dividend, on the date of declaration) of the asset(s) or securities proposed to be transferred or issued by the Company or such Restricted Subsidiary, as the case may be, pursuant to the Restricted Payment. The Fair Market Value of any assets or securities that are required to be valued by this covenant will be determined, in the case of amounts under \$25.0 million, by an officer of the Company and, in the case of amounts of \$25.0 million or more, by the Board of Directors of the Company whose resolution with respect thereto will be delivered to the trustee.

Incurrence of Indebtedness and Issuance of Preferred Stock

The Company will not, and will not permit any of its Restricted Subsidiaries to, 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 Company will not issue any Disqualified Stock and will not permit any of its Restricted Subsidiaries to issue any shares of preferred stock; provided, however, that the Company may incur Indebtedness (including Acquired Debt) or issue Disqualified Stock, and the Guarantors may incur Indebtedness (including Acquired Debt) or issue preferred stock, if the Fixed Charge Coverage Ratio for the Company'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 2.25 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.

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The first paragraph of this covenant 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*"):

- the incurrence by the Company or any of the Guarantors of additional Indebtedness and letters of credit under 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 Company and the Guarantors thereunder) not to exceed the greater of (a) \$300.0 million and (b) 35% of the Company's Adjusted Consolidated Net Tangible Assets determined as of the date of the incurrence of such Indebtedness;
- (2) the incurrence by the Company and its Restricted Subsidiaries of (a) the Existing Indebtedness and (b) Permitted Acquisition Indebtedness;
- the incurrence by the Company and the Guarantors of Indebtedness represented by the existing notes (but not the notes offered hereby or any other additional notes) and the related Note Guarantees issued on April 9, 2013 and the exchange notes and the related Note Guarantees issued pursuant to the registration rights agreement related thereto;
- the incurrence by the Company or any of its Restricted Subsidiaries of Indebtedness represented by Capital Lease
 Obligations, mortgage financings or purchase money obligations, in each case, incurred for the purpose of financing all or
 any part of the purchase price or cost of design, construction, installation or improvement of property, plant or equipment
 used in the business of the Company or any of its Restricted Subsidiaries, in an aggregate principal amount, including all
 Permitted Refinancing Indebtedness incurred to renew, refund, refinance, replace, defease or discharge any Indebtedness
 incurred pursuant to this clause (4), not to exceed the greater, at any one time outstanding, of (a) \$20.0 million and (b) 2.5%
 of the Company's Adjusted Consolidated Net Tangible Assets determined as of the date of the incurrence of such
 Indebtedness:
- the incurrence by the Company 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) that was permitted by the indenture to be incurred under the first paragraph of this covenant or clauses (2), (3), (4), (5), (8), (13), (15) or (16) of this paragraph;
- (6) the incurrence by the Company or any of its Restricted Subsidiaries of intercompany Indebtedness between or among the Company and any of its Restricted Subsidiaries; *provided*, *however*, that:
 - (a) if the Company or any Guarantor is the obligor on such Indebtedness and the payee is not the Company or a Guarantor, if such Indebtedness is not unsecured and expressly subordinated in right of payment to the prior payment in full in cash of all Obligations then due with respect to the notes, in the case of the Company, or the Note Guarantee, in the case of a Guarantor, then the incurrence of such Indebtedness will be deemed, 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 Company or a Restricted Subsidiary of the Company and (ii) any sale or other transfer of any such Indebtedness to a Person that is not either the Company or a Restricted Subsidiary of the Company, will be deemed.

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

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- (7) the issuance by any of the Company's Restricted Subsidiaries to the Company or to any of its Restricted Subsidiaries of shares of 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 Company or a Restricted Subsidiary of the Company; and
 - (b)
 any sale or other transfer of any such preferred stock to a Person that is not either the Company or a Restricted Subsidiary of the Company,

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 Company or any of its Restricted Subsidiaries of Hedging Obligations in the ordinary course of business and not for speculative purposes;
- the Guarantee by the Company or any of its Restricted Subsidiaries of Indebtedness of the Company or a Restricted Subsidiary of the Company, to the extent that the guaranteed Indebtedness was permitted to be incurred by another provision of this covenant; *provided* that if the Indebtedness being guaranteed is subordinated to the notes, then the Guarantee must be subordinated to the same extent as the Indebtedness guaranteed;
- the incurrence by the Company 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 provided by the Company or a Restricted Subsidiary in the ordinary course of business and any Guarantees or letters of credit functioning as or supporting any of the foregoing bonds or obligations and workers' compensation claims in the ordinary course of business;
- the incurrence by the Company 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;
- the incurrence by the Company 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;
- any obligation arising from agreements of the Company or any Restricted Subsidiary of the Company providing for indemnification, contribution, adjustment of purchase price, earn-outs, deferred compensation 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 the indenture, provided such obligation is not reflected on the face of the balance sheet of the Company or any Restricted Subsidiary;
- (14)
 the incurrence by the Company or any of its Restricted Subsidiaries of Indebtedness in respect of the financing of insurance premiums with the providers of such insurance or their Affiliates in the ordinary course of business;
- the incurrence by the Company or any of its Restricted Subsidiaries of Indebtedness representing deferred compensation to employees of the Company or any Subsidiary of the Company incurred in the ordinary course of business (including those incurred in connection with any acquisition); and

(16)

the incurrence by the Company or any of its Restricted Subsidiaries of additional Indebtedness or the issuance by the Company of any Disqualified Stock in an aggregate principal amount (or accreted value, as applicable) at any time outstanding, including all Permitted Refinancing Indebtedness incurred to renew, refund, refinance, replace, defease or discharge any

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Indebtedness incurred pursuant to this clause (16), not to exceed the greater of (a) \$30.0 million and (b) 3.5% of the Company's Adjusted Consolidated Net Tangible Assets determined as of the date of such incurrence or issuance.

The Company will not incur, and will not permit any Guarantor to incur, any Indebtedness (including Permitted Debt) that is contractually subordinated in right of payment to any other Indebtedness of the Company or such Guarantor unless such Indebtedness is also contractually subordinated in right of payment to the notes and the applicable Note Guarantee on substantially identical terms; *provided*, *however*, that no Indebtedness will be deemed to be contractually subordinated in right of payment to any other Indebtedness solely by virtue of being unsecured, secured with different collateral or to a greater or lesser extent or priority or by virtue of structural subordination, maturity date or being guaranteed by less than all guarantors of such other Indebtedness.

For purposes of determining compliance with this "Incurrence of Indebtedness and Issuance of Preferred Stock" covenant, in the event that an item of Indebtedness meets the criteria of more than one of the categories of Permitted Debt described in clauses (1) through (16) above, or is entitled to be incurred pursuant to the first paragraph of this covenant, the Company will be permitted to divide, classify and reclassify such item of Indebtedness on the date of its incurrence, or later redivide or reclassify all or a portion of such item of Indebtedness, in any manner that complies with this covenant. Indebtedness under Credit Facilities outstanding on the date on which notes are first issued and authenticated under the indenture will initially be deemed to have been incurred on such date in reliance on the exception provided by clause (1) of the definition of Permitted Debt. The accrual of interest or preferred stock dividends, the accretion or amortization of original issue discount, the payment of interest on any Indebtedness in the form of additional Indebtedness with the same terms, the reclassification of preferred stock as Indebtedness due to a change in accounting principles, the payment of dividends on preferred stock or Disqualified Stock in the form of additional shares of the same class of preferred stock or Disqualified Stock and unrealized losses or charges in respect of Hedging Obligations, in each case will be deemed not to be an incurrence of Indebtedness or an issuance of preferred stock or Disqualified Stock for purposes of this covenant; provided, in each such case, that the amount thereof is included in Fixed Charges of the Company as accrued. For purposes of determining compliance with any U.S. dollar-denominated restriction on the incurrence of Indebtedness, the U.S. dollar-equivalent principal amount of Indebtedness denominated in a foreign currency shall be utilized, calculated based on the relevant currency exchange rate in effect on the date such Indebtedness was incurred. Notwithstanding any other provision of this covenant, the maximum amount of Indebtedness that the Company or any Restricted Subsidiary may incur pursuant to this covenant shall not be deemed to be exceeded solely as a result of fluctuations in exchange rates or currency values or unrealized losses or charges in respect thereof.

The amount of any Indebtedness outstanding as of any date will be:

- (1) the accreted value of the Indebtedness, in the case of any Indebtedness issued with original issue discount;
- (2) the principal amount of the Indebtedness, in the case of any other Indebtedness; and
- in respect of Indebtedness of another Person secured by a Lien on the assets of the specified Person, the lesser of:
 - (a) the Fair Market Value of such assets at the date of determination; and
 - (b) the amount of the Indebtedness of the other Person.

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Liens

The Company will not and will not permit any of its Restricted Subsidiaries to, 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 all payments due to the holders under the indenture and the notes are secured on an equal and ratable basis with the Indebtedness so secured until such time as such Indebtedness is no longer secured by a Lien.

Dividend and Other Payment Restrictions Affecting Restricted Subsidiaries

The Company will not, and will not permit any of its Restricted Subsidiaries to, create or permit to exist or become effective any consensual encumbrance or restriction on the ability of any Restricted Subsidiary to:

- pay dividends or make any other distributions on its Capital Stock to the Company or any of its Restricted Subsidiaries, or pay any indebtedness owed to the Company 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 make dividends or distributions on Capital Stock for purposes of this covenant and (ii) the subordination of loans or advances made to the Company or any Restricted Subsidiary to other Indebtedness incurred by the Company or any Restricted Subsidiary shall not be deemed a restriction on the ability to make payments with respect to such loans or advances;
- make loans or advances to the Company or any of its Restricted Subsidiaries (it being understood that the subordination of loans or advances made to the Company or any Restricted Subsidiary to other Indebtedness incurred by the Company 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 Company or any of its Restricted Subsidiaries.

However, the preceding restrictions will not apply to encumbrances or restrictions existing under or by reason of:

- the Credit Agreement and other agreements governing Existing Indebtedness as in effect on the date of the indenture and any amendments, restatements, modifications, renewals, supplements, refundings, replacements or refinancings of those agreements; provided that the encumbrances and restrictions contained in such 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 the indenture;
- (2) the indenture, the notes and the Note Guarantees;
- agreements governing other Indebtedness permitted to be incurred under the provisions of the covenant described above under the caption " Incurrence of Indebtedness and Issuance of Preferred Stock" and any amendments, restatements, modifications, renewals, supplements, refundings, replacements or refinancings of those agreements; *provided* that the encumbrances and restrictions therein are not materially more restrictive, taken as a whole, than those contained in the indenture, the notes and the Note Guarantees or the Credit Agreement as in effect on the date of the indenture, whichever is more restrictive;

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- (4) applicable law, rule, regulation, order, approval, governmental license, permit or similar restriction;
- any instrument governing Indebtedness or Capital Stock of a Person acquired by the Company or any of its Restricted Subsidiaries as in effect at the time of such acquisition (except to the extent such Indebtedness or Capital Stock 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 the indenture to be incurred;
- (6) customary non-assignment provisions in purchase and sale or exchange agreements for Hydrocarbons, agreements of the types described in Permitted Business Investments or similar operational agreements, or in licenses, easements leases or other contracts, in each case, entered into in the ordinary course of business;
- agreements governing purchase money obligations for property acquired in the ordinary course of business and Capital Lease Obligations that impose restrictions on the property purchased or leased of the nature described in clause (3) of the preceding paragraph;
- (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) agreements governing 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;
- (10)
 agreements governing Liens permitted to be incurred under the provisions of the covenant described above under the caption
 " Liens" that limit the right of the debtor to dispose of the assets subject to such Liens;
- provisions limiting the disposition or distribution of assets or property in joint venture agreements, asset sale agreements, sale-leaseback agreements, stock sale agreements and other similar agreements (including agreements entered into in connection with a Restricted Investment) entered into with the approval of the Company's Board of Directors, which limitation is applicable only to the assets that are the subject of such agreements;
- (12) agreements governing Hedging Obligations incurred in the ordinary course of business and not for speculative purposes;
- any agreement with respect to any property or asset acquired after the date of the indenture (including by merger or consolidation) as in effect at the time of such acquisition (except to the extent such agreement was incurred in connection with or in contemplation of such acquisition), which encumbrance or restriction is not applicable to any property or assets other than the property or assets so acquired; and
- (14)
 restrictions on cash or other deposits or net worth imposed by customers under contracts entered into in the ordinary course of business.

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, repairs, attachments and accessions thereto, assets and property affixed or appurtenant thereto, parts, replacements and substitutions therefor, and all products and proceeds thereof, including dividends, distributions, interest and increases in respect thereof.

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Merger, Consolidation or Sale of Assets

The Company will not, directly or indirectly: (1) consolidate or merge with or into another Person (whether or not the Company is the surviving corporation), or (2) sell, assign, transfer, convey, lease or otherwise dispose of all or substantially all of the properties or assets of the Company and its Restricted Subsidiaries taken as a whole, in one or more related transactions, to another Person, unless:

- either: (a) the Company is the surviving corporation; or (b) the Person formed by or surviving any such consolidation or merger (if other than the Company) or to which such sale, assignment, transfer, lease, conveyance or other disposition has been made is an entity organized or existing under the laws of the United States, any state of the United States or the District of Columbia; and, if such entity is not a corporation, a co-obligor of the notes is a corporation organized or existing under any such laws;
- (2)
 the Person formed by or surviving any such consolidation or merger (if other than the Company) or the Person to which such sale, assignment, transfer, lease, conveyance or other disposition has been made assumes all the obligations of the Company under the notes and the indenture pursuant to a supplemental indenture or other agreements reasonably satisfactory to the trustee;
- immediately after such transaction, no Default or Event of Default exists;
- the Company or the Person formed by or surviving any such consolidation or merger (if other than the Company), or to which such sale, assignment, transfer, conveyance, lease or other disposition has been made would, on the date of such transaction after giving pro forma effect thereto and any related financing transactions as if the same had occurred at the beginning of the applicable four-quarter period (a) be permitted to incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in the first paragraph of the covenant described above under the caption "Incurrence of Indebtedness and Issuance of Preferred Stock" or (b) have had a Fixed Charge Coverage Ratio equal to or greater than the actual Fixed Charge Coverage Ratio for the Company for such four-quarter period; and
- (5) the Company 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 the indenture.

This "Merger, Consolidation or Sale of Assets" covenant will not apply to any sale, assignment, transfer, conveyance, lease or other disposition of assets between or among the Company and its Restricted Subsidiaries. Clauses (3) and (4) of the first paragraph of this covenant will not apply to any merger or consolidation of the Company with or into, or any sale, assignment, transfer, conveyance, lease or other disposition of all or substantially all of the Company's properties or assets to, a Guarantor solely for the purpose of reincorporating the Company in another jurisdiction.

Transactions with Affiliates

The Company 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 (which term, for purposes of this covenant, shall include ", or for the benefit of" where appropriate in the context), any Affiliate of the Company (each, an "Affiliate Transaction"), unless:

(1) the Affiliate Transaction is on terms that are no less favorable to the Company or the relevant Restricted Subsidiary than those that would have been obtained in a comparable transaction

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by the Company or such Restricted Subsidiary with an unrelated Person or, if in the good faith judgment of the Company's Board of Directors, no comparable transaction is available with which to compare such Affiliate Transaction, such Affiliate Transaction is otherwise fair to the Company or the relevant Restricted Subsidiary from a financial point of view; and

- (2) the Company delivers to the trustee:
 - with respect to any Affiliate Transaction or series of related Affiliate Transactions involving aggregate consideration in excess of \$25.0 million, a resolution of the Board of Directors of the Company set forth in an officers' certificate certifying that such Affiliate Transaction or series of related Affiliate Transactions complies with this covenant and that such Affiliate Transaction or series of related Affiliate Transactions has been approved by a majority of the disinterested members of the Board of Directors of the Company; and
 - (b)
 with respect to any Affiliate Transaction or series of related Affiliate Transactions involving aggregate consideration in excess of \$40.0 million, an opinion as to the fairness to the Company or such Restricted Subsidiary of such Affiliate Transaction or series of related Affiliate Transactions from a financial point of view issued by an accounting, appraisal or investment banking firm of national standing.

The following items will be deemed not to be Affiliate Transactions and, therefore, will not be subject to the provisions of the prior paragraph:

- any employment or consulting agreement, employee benefit plan, officer or director indemnification, compensation or severance agreement or any similar arrangement entered into by the Company or any of its Restricted Subsidiaries in the ordinary course of business and payments pursuant thereto;
- (2) transactions between or among the Company and/or its Restricted Subsidiaries;
- transactions with a Person (other than an Unrestricted Subsidiary of the Company) that is an Affiliate of the Company solely because the Company owns, directly or through a Restricted Subsidiary, an Equity Interest in, or controls, such Person;
- (4) payment of reasonable and customary fees and reimbursements of expenses (pursuant to indemnity arrangements or otherwise) of officers, directors, employees or consultants of the Company or any of its Restricted Subsidiaries;
- (5) any issuance of Equity Interests (other than Disqualified Stock) of the Company to Affiliates of the Company and the granting of registration and other customary rights in connection therewith;
- (6)

 Permitted Investments and Restricted Payments (and any other payments excluded from such definitions or their component definitions) that do not violate the provisions of the indenture described above under the caption "Restricted Payments";
- transactions effected in accordance with the terms of the agreements described in the offering memorandum related to the existing notes under the caption "Transactions with Related Parties," as such agreements are in effect on the date of the indenture and any amendment or replacement of any of such agreements so long as such amendment or replacement agreement is not materially less advantageous to the Company, taken as a whole, than the agreement so amended or replaced;
- (8) loans or advances to employees for moving, entertainment and travel expenses and similar expenditures in the ordinary course of business permitted under clause (8) of the definition of Permitted Investments;

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- any transaction in which the Company 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 Company or such Restricted Subsidiary from a financial point of view or stating that the terms are not materially less favorable to the Company or such Restricted Subsidiary than those that would have been obtained in a comparable transaction by the Company or such Restricted Subsidiary with an unaffiliated Person;
- in the case of contracts for exploiting, exploring for, acquiring, developing, producing, operating, processing, gathering, marketing, distributing, treating, selling, 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 the indenture (a) that, in the good faith determination of the Board of Directors of the Company or the senior management thereof, are on terms at least as favorable as might reasonably have been obtained at such time from an unaffiliated Person and (b) with respect to which the Company has complied with clauses 2(a) and 2(b) of the prior paragraph; and
- transactions with customers, clients, suppliers, or purchasers or sellers of goods or services, in each case in the ordinary course of business and otherwise in compliance with the terms of the indenture that, in the good faith judgment of the Board of Directors or senior management of the Company, are on terms at least as favorable as might reasonably have been obtained at such time from an unaffiliated Person.

Business Activities

The Company will not, and will not permit any of its Restricted Subsidiaries to, engage in any business other than the Oil and Gas Business, except to such extent as would not be material to the Company and its Restricted Subsidiaries taken as a whole.

Additional Note Guarantees

If, after the date of the indenture, any Subsidiary of the Company (including any Subsidiary acquired or created after the date of the indenture) that is not already a Guarantor (1) guarantees any Indebtedness of the Company or any Guarantor or (2) is a Domestic Subsidiary and is an obligor with respect to any Indebtedness under any Credit Facility, then, in either case, that Subsidiary will become a Guarantor by executing a supplemental indenture and delivering an opinion of counsel satisfactory to the trustee within 30 business days after the date that Subsidiary guaranteed or became obligated with respect to such Indebtedness.

Designation of Restricted and Unrestricted Subsidiaries

Except during any period that certain covenants have been suspended as described above under "Suspension of Covenants if Notes Rated Investment Grade," the Board of Directors of the Company 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 Company and its Restricted Subsidiaries in the Subsidiary designated as Unrestricted will be deemed to be either an Investment made as of the time of the designation that will reduce the amount available for Restricted Payments under the covenant described above under the caption "Restricted Payments" or represent a Permitted Investment under one or more clauses of the definition of Permitted Investments, as determined by the Company. That designation will only be permitted if the Investment would be

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permitted at that time and if the Restricted Subsidiary otherwise meets the definition of an Unrestricted Subsidiary.

Any designation of a Subsidiary of the Company as an Unrestricted Subsidiary will be evidenced to the trustee by filing with the trustee a certified copy of a resolution of the Board of Directors giving effect to such designation and an officers' certificate certifying that such designation complied with the preceding conditions and was permitted by the covenant described above under the caption "Restricted Payments." 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 the indenture and any Indebtedness of such Subsidiary will be deemed to be incurred by a Restricted Subsidiary of the Company as of such date and, if such Indebtedness is not permitted to be incurred as of such date under the covenant described under the caption "Incurrence of Indebtedness and Issuance of Preferred Stock," the Company will be in default of such covenant.

The Board of Directors of the Company may at any time designate any Unrestricted Subsidiary to be a Restricted Subsidiary of the Company; *provided* that such designation will be deemed to be an incurrence of Indebtedness by a Restricted Subsidiary of the Company of any outstanding Indebtedness of such Unrestricted Subsidiary, and such designation will only be permitted if: (1) such Indebtedness is permitted under the covenant described under the caption " Incurrence of Indebtedness and Issuance of Preferred Stock," 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.

Payments for Consent

The Company will not, and will not permit any of its Restricted Subsidiaries to, pay or cause to be paid any consideration to or for the benefit of any holder of notes for or as an inducement to any consent, waiver or amendment of any of the terms or provisions of the indenture or the notes unless such consideration is offered to be paid and is paid to all holders of the notes that consent, waive or agree to amend in the time frame set forth in the solicitation documents relating to such consent, waiver or agreement.

Reports

Whether or not required by the rules and regulations of the SEC, so long as any notes are outstanding, the Company will furnish (whether through hard copy or Internet access) to the holders of notes or cause the trustee to furnish to the holders of notes (or file or furnish, as applicable, with the SEC for public availability), within the time periods specified in the SEC's rules and regulations which are applicable to the Company (or which would be applicable to the Company, in the event the Company is not so required), after giving effect to all applicable extensions and cure periods:

- all quarterly and annual reports that would be required to be filed with the SEC on Forms 10-Q and 10-K if the Company 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 information only, a report thereon by the Company's certified independent accountants; and
- all current reports that would be required to be filed with the SEC on Form 8-K if the Company were required to file such reports.

All such reports will be prepared in all material respects in accordance with all of the rules and regulations applicable to such reports. In addition, the Company will file a copy of each of the reports referred to in clauses (1) and (2) above with the SEC for public availability within the time periods specified in the rules and regulations applicable to such reports and to the Company (or which would

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be applicable to the Company, if the Company were required to file such reports), after giving effect to all applicable extensions and cure periods (unless the SEC will not accept such a filing). Each filing will be deemed to satisfy the Company's obligation to furnish the filed information or report to the holders.

If the Company is no longer subject to the periodic reporting requirements of the Exchange Act for any reason, the Company will nevertheless continue filing the reports specified in the preceding paragraphs of this covenant with the SEC within the time periods specified above unless the SEC will not accept such a filing. The Company will not take any action for the purpose of causing the SEC not to accept any such filings. If, notwithstanding the foregoing, the SEC will not accept the Company's filings for any reason, the Company will post the reports referred to in the preceding paragraphs on its website within the time periods that would apply if the Company were required to file those reports with the SEC.

If the Company has designated any of its Subsidiaries as Unrestricted Subsidiaries, then the quarterly and annual financial information required by the preceding paragraphs will include 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 Company and its Restricted Subsidiaries separate from the financial condition and results of operations of the Unrestricted Subsidiaries of the Company.

This covenant will not impose any duty on the Company under the Sarbanes-Oxley Act of 2002 and the related SEC rules that would not otherwise be applicable.

Any reports, information or documents filed with the SEC pursuant to its Electronic Data Gathering, Analysis and Retrieval (EDGAR) system shall be deemed filed with the trustee and furnished to the holders of the notes and securities analysts as required pursuant to this covenant.

Events of Default and Remedies

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

- (1) default for 30 days in the payment when due of interest, if any, on the notes;
- (2) default in the payment when due (at maturity, upon redemption or otherwise) of the principal of, or premium, if any, on, the notes;
- failure by the Company or any of its Restricted Subsidiaries to comply with the provisions described under the captions

 "Repurchase at the Option of Holders Change of Control," "Repurchase at the Option of Holders Asset Sales," "Certain

 Covenants Restricted Payments," "Certain Covenants Incurrence of Indebtedness and Issuance of Preferred Stock" or "Certain

 Covenants Merger, Consolidation or Sale of Assets;"
- failure by the Company or any of its Restricted Subsidiaries for 60 days (or, in the case of the provisions described under the caption "Reports," 120 days) after notice to the Company by the trustee or the holders of at least 25% in aggregate principal amount of the notes then outstanding to comply with any of the other agreements in the indenture;
- (5)

 default under any mortgage, indenture or instrument under which there may be issued or by which there may be secured or evidenced any Indebtedness for money borrowed by the Company or any of its Restricted Subsidiaries (or the payment of which is guaranteed by the

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Company or any of its Restricted Subsidiaries), whether such Indebtedness or Guarantee now exists, or is created after the date of the indenture. if that default:

- (a) is caused by a failure to pay principal of, premium, if any, on, or interest, 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
- (b) 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 \$25.0 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 in full, 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;

- (6)
 failure by the Company or any of its Restricted Subsidiaries to pay final judgments entered by a court or courts of competent jurisdiction aggregating in excess of \$25.0 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;
- (7)
 except as permitted by the indenture, any Note 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 Note Guarantee; and
- (8)

 certain events of bankruptcy or insolvency described in the indenture with respect to the Company or any of its Restricted Subsidiaries that is a Significant Subsidiary or any group of its Restricted Subsidiaries that, taken together, would constitute a Significant Subsidiary.

In the case of an Event of Default arising from certain events of bankruptcy or insolvency with respect to the Company, 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 all the notes to be due and payable immediately.

Subject to certain limitations, holders of a majority in aggregate principal amount of the then outstanding notes may direct the trustee in its exercise of any trust or power. The trustee may withhold from holders of the notes notice of any continuing Default or Event of Default known to it if it determines that withholding notice is in their interest, except a Default or Event of Default relating to the payment of principal of, premium, if any, on, interest, if any, on the notes.

Subject to the provisions of the indenture relating to the duties of the trustee, in case an Event of Default occurs and is continuing, the trustee will be under no obligation to exercise any of the rights or powers under the indenture at the request or direction of any holders of notes unless such holders have offered to the trustee reasonable indemnity or security against any loss, liability or expense. Except to enforce the right to receive payment of principal, premium, if any, or interest, if any, when due, no holder of a note may pursue any remedy with respect to the indenture or the notes unless:

(1) such holder has previously given the trustee written notice that an Event of Default is continuing;

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- (2) 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;
- (3) 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;
- (4)
 the trustee does not comply with such request within 60 days after receipt of the request and the offer of security or indemnity; and
- (5) 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.

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 or waive any existing Default or Event of Default and its consequences under the 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, premium on, if any, or interest, if any, on, the notes.

The Company is required to deliver to the trustee annually a statement regarding compliance with the indenture. Upon any officer of the Company becoming aware of any Default or Event of Default, the Company is required to deliver to the trustee a statement specifying such Default or Event of Default.

No Personal Liability of Directors, Officers, Employees and Stockholders

No director, officer, employee, incorporator or stockholder of the Company or any Guarantor, as such, will have any liability for any obligations of the Company or the Guarantors under the notes, the indenture, the Note 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. The waiver may not be effective to waive liabilities under the federal securities laws.

Legal Defeasance and Covenant Defeasance

The Company may at any time, at the option of its Board of Directors evidenced by a resolution set forth in an officers' certificate, elect to have all of its obligations discharged with respect to the outstanding notes and all obligations of the Guarantors discharged with respect to their Note Guarantees ("*Legal Defeasance*") except for:

- (1) the rights of holders of outstanding notes to receive payments in respect of the principal of, premium, if any, on, or interest, if any, on, such notes when such payments are due from the trust referred to below;
- (2) the Company's obligations with respect to the notes concerning issuing temporary notes, registration of notes, mutilated, destroyed, lost or stolen notes and the maintenance of an office or agency for payment and money for security payments held in trust;
- (3) the rights, powers, trusts, duties and immunities of the trustee under the indenture, and the Company's and the Guarantors' obligations in connection therewith; and
- (4) the Legal Defeasance and Covenant Defeasance provisions of the indenture.

In addition, the Company may, at its option and at any time, elect to have the obligations of the Company and the Guarantors released with respect to certain covenants (including its obligation to make Change of Control Offers and Asset Sale Offers) that are described in the indenture ("Covenant Defeasance") and thereafter any omission to comply with those covenants will not constitute a Default or Event of Default with

respect to the notes. In the event Covenant Defeasance occurs, all Events of

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Default described under " Events of Default and Remedies" (except those relating to payments on the notes or bankruptcy, receivership, rehabilitation or insolvency events) will no longer constitute an Event of Default with respect to the notes.

In order to exercise either Legal Defeasance or Covenant Defeasance:

- the Company must irrevocably deposit with the trustee, in trust, for the benefit of the holders of the notes, cash in U.S. dollars, non-callable Government Securities, or a combination thereof, in amounts as will be sufficient, in the opinion of a nationally recognized investment bank, appraisal firm or firm of independent public accountants (or, if two or more of any nationally recognized investment banks, appraisal firms or firms of independents accountants decline to issue such opinion after the Company has made reasonable efforts to obtain such an opinion, in the opinion of the Company's chief financial officer), to pay the principal of, premium on, if any, and interest, if any, on, the outstanding notes on the stated date for payment thereof or on the applicable redemption date, as the case may be, and the Company must specify whether the notes are being defeased to such stated date for payment or to a particular redemption date;
- in the case of Legal Defeasance, the Company must deliver to the trustee an opinion of counsel reasonably acceptable to the trustee confirming that (a) the Company has received from, or there has been published by, the Internal Revenue Service a ruling or (b) since the date of the 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;
- in the case of Covenant Defeasance, the Company 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;
- (4)
 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);
- 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 the indenture and the agreements governing any other Indebtedness being defeased, discharged or replaced) to which the Company or any of the Guarantors is a party or by which the Company or any of the Guarantors is bound;
- (6)
 the Company must deliver to the trustee an officers' certificate stating that the deposit was not made by the Company with the intent of preferring the holders of notes over the other creditors of the Company with the intent of defeating, hindering, delaying or defrauding any creditors of the Company or others; and
- (7)
 the Company 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 have been complied with.

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Amendment, Supplement and Waiver

Except as provided in the next two succeeding paragraphs, the indenture or the notes or the Note Guarantees may be amended or supplemented with the consent of the holders of at least a majority in aggregate principal amount of the then outstanding notes (including, without limitation, additional notes, if any) 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 any existing Default or Event of Default (other than a Default or Event of Default in the payment of the principal of, premium, if any, on, or interest, if any, on, the notes, except a payment default resulting from an acceleration that has been rescinded) or compliance with any provision of the indenture, the notes or the Note Guarantees may be waived with the consent of the holders of a majority in aggregate principal amount of the then outstanding notes (including, without limitation, additional notes, if any) voting as a single class (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, notes).

Without the consent of each holder of notes affected, an amendment, supplement or waiver may not (with respect to any notes held by a non-consenting holder):

- (1) reduce the principal amount of notes whose holders must consent to an amendment, supplement or waiver;
- 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 or repurchase of the notes (except those provisions relating to the covenants described above under the caption "Repurchase at the Option of Holders");
- (3) reduce the rate of or change the time for payment of interest, including default interest, on any note;
- waive a Default or Event of Default in the payment of principal of, premium, if any, on, or interest, if any, on, the notes (except a rescission of acceleration of the notes by the holders of at least a majority in aggregate principal amount of the then outstanding notes and a waiver of the payment default that resulted from such acceleration);
- (5) make any note payable in money other than that stated in the notes;
- (6) make any change in the provisions of the indenture relating to waivers of past Defaults or the rights of holders of notes to receive payments of principal of, premium, if any, on, or interest, if any, on, the notes (other than as permitted by clause (7) below);
- (7) waive a redemption or repurchase payment with respect to any note (other than a payment required by one of the covenants described above under the caption "Repurchase at the Option of Holders");
- (8) release any Guarantor from any of its obligations under its Note Guarantee or the indenture, except in accordance with the terms of the indenture; or
- (9) make any change in the preceding amendment, supplement and waiver provisions.

Notwithstanding the preceding, without the consent of any holder of notes, the Company, the Guarantors and the trustee may amend or supplement the indenture, the notes or the Note Guarantees:

- to cure any ambiguity, omission, mistake, defect or inconsistency;
- (2) to provide for uncertificated notes in addition to or in place of certificated notes;

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- (3) to provide for the assumption of the Company's or a Guarantor's obligations to holders of notes and Note Guarantees in the case of a merger or consolidation or sale of all or substantially all of the Company's or such Guarantor's assets, as applicable;
- (4) to make any change that would provide any additional rights or benefits to the holders of notes or that does not adversely affect the legal rights under the indenture of any holder;
- (5) to comply with requirements of the SEC in order to effect or maintain the qualification of the indenture under the Trust Indenture Act;
- (6) to conform the text of the indenture, the notes or the Note Guarantees to any provision of this Description of the Notes;
- (7) to provide for the issuance of additional notes in accordance with the limitations set forth in the indenture as of the date of the indenture:
- (8) to allow any Guarantor to execute a supplemental indenture and/or a Note Guarantee with respect to the Notes;
- (9) to secure the notes or the Note Guarantees pursuant to the requirements of the covenant described above under the subheading " Certain Covenants Liens";
- (10) to add any additional Guarantor or to evidence the release of any Guarantor from its Note Guarantee, in each case as provided in the indenture; or
- (11) to evidence or provide for the acceptance of appointment under the indenture of a successor trustee.

The consent of the holders is not necessary under the indenture 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 the indenture requiring the approval of the holders becomes effective, the Company 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.

Satisfaction and Discharge

The indenture will be discharged and will cease to be of further effect as to all notes issued thereunder (except as to surviving rights of registration of transfer or exchange of the notes and as otherwise specified in the indenture), when:

- (1) either:
 - (a) 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 Company, have been delivered to the trustee for cancellation; or
 - all notes that have not been delivered to the trustee for cancellation have become due and payable by reason of the mailing of a notice of redemption or otherwise or will become due and payable within one year and the Company 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 of,

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premium, if any, on, or interest, if any, on, the notes to the date of maturity or redemption;

- in respect of clause 1(b), no Default or Event of Default has occurred and is continuing on the date of the deposit (other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposit and any similar deposit relating to other Indebtedness and, in each case, the granting of Liens to secure such borrowings) and the deposit will not result in a breach or violation of, or constitute a default under, any other instrument to which the Company or any Guarantor is a party or by which the Company or any Guarantor is bound (other than with respect to the borrowing of funds to be applied concurrently to make the deposit required to effect such satisfaction and discharge and any similar concurrent deposit relating to other Indebtedness, and in each case the granting of Liens to secure such borrowings);
- (3) the Company or any Guarantor has paid or caused to be paid all other sums payable by it under the indenture; and
- (4) the Company has delivered irrevocable instructions to the trustee under the indenture to apply the deposited money toward the payment of the notes at maturity or on the redemption date, as the case may be.

In addition, the Company 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.

Concerning the Trustee

Wells Fargo Bank, N.A. is the Trustee under the indenture.

If the trustee becomes a creditor of the Company or any Guarantor, the indenture limits the right of the trustee to obtain payment of claims in certain cases, or to realize on certain property received in respect of any such claim as security or otherwise. The trustee will be permitted to engage in other transactions; however, if it acquires any conflicting interest (as defined in the Trust Indenture Act) 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 the indenture has been qualified under the Trust Indenture Act) or resign.

The holders of a majority in aggregate principal amount of the then outstanding notes have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee, subject to certain exceptions. The indenture provides that in case an Event of Default has occurred and is continuing, the trustee is required, in the exercise of its power, to use the degree of care of a prudent man in the conduct of his own affairs. Subject to such provisions, the trustee is under no obligation to exercise any of its rights or powers under the indenture at the request of any holder of notes, unless such holder has offered to the trustee reasonable indemnity or security reasonably satisfactory to it against any loss, liability or expense.

Governing Law

The indenture, the notes and the Note Guarantees are governed by, and will be construed in accordance with, the laws of the State of New York.

Additional Information

Anyone who receives this prospectus may obtain a copy of the indenture without charge by writing to Bonanza Creek Energy, Inc., 410 17th Street, Suite 1400, Denver, Colorado, 80202, Attention: Investor Relations.

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Book-Entry, Delivery and Form

The new notes will be issued initially only in the form of one or more global notes (collectively, the "Global Notes"). The Global Notes will be deposited upon issuance with the trustee as custodian for The Depository Trust Company ("DTC"), in New York, New York, and registered in the name of DTC or its nominee, in each case, for credit to an account of a direct or indirect participant in DTC as described below. Beneficial interests in the Global Notes may be held only through the Euroclear System ("Euroclear") and Clearstream Banking, S.A. ("Clearstream") (as indirect participants in DTC), unless transferred to a person that takes delivery through a Global Note in accordance with the certification requirements described below.

Except as set forth below, the Global Notes may be transferred, in whole and not in part, only to another nominee of DTC or to a successor of DTC or its nominee. Beneficial interests in the Global Notes may not be exchanged for definitive notes in registered certificated form ("Certificated Notes") except in the limited circumstances described below. See " Exchange of Global Notes for Certificated Notes." Except in the limited circumstances described below, owners of beneficial interests in the Global Notes will not be entitled to receive physical delivery of notes in certificated form.

In addition, transfers of beneficial interests in the Global Notes will be subject to the applicable rules and procedures of DTC and its direct or indirect participants (including, if applicable, those of Euroclear and Clearstream), which may change from time to time.

Depository Procedures

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

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

DTC has also advised the Company that, pursuant to procedures established by it:

- (1) upon deposit of the Global Notes, DTC will credit the accounts of the Participants designated by the underwriters with portions of the principal amount of the Global Notes; and
- ownership of these interests in the Global Notes will be shown on, and the transfer of ownership of these interests will be effected only through, records maintained by DTC (with respect to the Participants) or by the Participants and the Indirect Participants (with respect to other owners of beneficial interest in the Global Notes).

Investors in the Global Notes who are Participants may hold their interests therein directly through DTC. Investors in the Global Notes who are not Participants may hold their interests therein indirectly through organizations (including Euroclear and Clearstream) which are Participants. Euroclear and

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Clearstream will hold interests in the Global Notes on behalf of their participants through customers' securities accounts in their respective names on the books of their respective depositaries, which are Euroclear Bank S.A./N.V., as operator of Euroclear, and Citibank, N.A., as operator of Clearstream. All interests in a Global Note, including those held through Euroclear or Clearstream, may be subject to the procedures and requirements of DTC. Those interests held through Euroclear or Clearstream may also be subject to the procedures and requirements of such systems. The laws of some jurisdictions may require that certain Persons take physical delivery in definitive form of securities that they own. Consequently, the ability to transfer beneficial interests in a Global Note to such Persons will be limited to that extent. Because DTC can act only on behalf of the Participants, which in turn act on behalf of the Indirect Participants, the ability of a Person having beneficial interests in a Global Note to pledge such interests to Persons that do not participate in the DTC system, or otherwise take actions in respect of such interests, may be affected by the lack of a physical certificate evidencing such interests.

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

Payments in respect of the principal of, premium, if any, on, and interest, if any, on, a Global Note registered in the name of DTC or its nominee will be payable to DTC in its capacity as the registered holder under the indenture. Under the terms of the indenture, the Company, the Guarantors and the trustee will treat the Persons in whose names the notes, including the Global Notes, are registered as the owners of the notes for the purpose of receiving payments and for all other purposes. Consequently, none of the Company, the Guarantors, the trustee or any agent of the Company, the Guarantors or the trustee has or will have any responsibility or liability for:

- any aspect of DTC's records or any Participant's or Indirect Participant's records relating to or payments made on account of beneficial ownership interest in the Global Notes or for maintaining, supervising or reviewing any of DTC's records or any Participant's or Indirect Participant's records relating to the beneficial ownership interests in the Global Notes; or
- (2) any other matter relating to the actions and practices of DTC or any of its Participants or Indirect Participants.

DTC has advised the Company that its current practice, upon receipt of any payment in respect of securities such as the notes (including principal and interest), is to credit the accounts of the relevant Participants with the payment on the payment date unless DTC has reason to believe that it will not receive payment on such payment date. Each relevant Participant is credited with an amount proportionate to its beneficial ownership of an interest in the principal amount of the relevant security as shown on the records of DTC. Payments by the Participants and the Indirect Participants to the beneficial owners of notes will be governed by standing instructions and customary practices and will be the responsibility of the Participants or the Indirect Participants and will not be the responsibility of DTC, the trustee, the Company or the Guarantors. None of the Company, the Guarantors or the trustee will be liable for any delay by DTC or any of the Participants or the Indirect Participants in identifying the beneficial owners of the notes, and the Company and the trustee may conclusively rely on and will be protected in relying on instructions from DTC or its nominee for all purposes.

Transfers between the Participants will be effected in accordance with DTC's procedures, and will be settled in same-day funds, and transfers between participants in Euroclear and Clearstream will be effected in accordance with their respective rules and operating procedures.

Cross-market transfers between the Participants, on the one hand, and Euroclear or Clearstream participants, on the other hand, will be effected through DTC in accordance with DTC's rules on behalf of Euroclear or Clearstream, as the case may be, by their respective depositaries; however, such

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cross-market transactions will require delivery of instructions to Euroclear or Clearstream, as the case may be, by the counterparty in such system in accordance with the rules and procedures and within the established deadlines (Brussels time) of such system. Euroclear or Clearstream, as the case may be, will, if the transaction meets its settlement requirements, deliver instructions to its respective depositary to take action to effect final settlement on its behalf by delivering or receiving interests in the relevant Global Note in DTC, and making or receiving payment in accordance with normal procedures for same-day funds settlement applicable to DTC. Euroclear participants and Clearstream participants may not deliver instructions directly to the depositaries for Euroclear or Clearstream.

DTC has advised the Company that it will take any action permitted to be taken by a holder of notes only at the direction of one or more Participants to whose account DTC has credited the interests in the Global Notes and only in respect of such portion of the aggregate principal amount of the notes as to which such Participant or Participants has or have given such direction. However, if there is an Event of Default under the notes, DTC reserves the right to exchange the Global Notes for legended notes in certificated form, and to distribute such notes to its Participants.

Although DTC, Euroclear and Clearstream have agreed to the foregoing procedures to facilitate transfers of interests in the Global Notes among participants in DTC, Euroclear and Clearstream, they are under no obligation to perform or to continue to perform such procedures, and may discontinue such procedures at any time. None of the Company, the trustee and any of their respective agents will have any responsibility for the performance by DTC, Euroclear or Clearstream or their respective participants or indirect participants of their respective obligations under the rules and procedures governing their operations.

Exchange of Global Notes for Certificated Notes

A Global Note is exchangeable for Certificated Notes if:

- (1)
 DTC (a) notifies the Company that it is unwilling or unable to continue as depositary for the Global Notes or (b) has ceased to be a clearing agency registered under the Exchange Act and, in either case, the Company fails to appoint a successor depositary within 90 days;
- (2) the Company, at its option, notifies the trustee in writing that it elects to cause the issuance of the Certificated Notes; or
- there has occurred and is continuing a Default or Event of Default with respect to the notes.

In addition, beneficial interests in a Global Note may be exchanged for Certificated Notes upon prior written notice given to the trustee by or on behalf of DTC in accordance with the indenture. In all cases, Certificated Notes delivered in exchange for any Global Note or beneficial interests in Global Notes will be registered in the names, and issued in any approved denominations, requested by or on behalf of the depositary (in accordance with its customary procedures).

Exchange of Certificated Notes for Global Notes

Certificated Notes may not be exchanged for beneficial interests in any Global Note except in the limited circumstances provided in the indenture.

Same Day Settlement and Payment

The Company will make payments in respect of the notes represented by the Global Notes, including principal, premium, if any, and interest, if any, by wire transfer of immediately available funds to the accounts specified by DTC or its nominee. The Company will make all payments of principal, premium, if any, and interest, if any, with respect to Certificated Notes in the manner described above under "Methods of Receiving Payments on the Notes." The notes represented by the Global Notes

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are expected to be eligible to trade in DTC's Same-Day Funds Settlement System, and any permitted secondary market trading activity in such notes will, therefore, be required by DTC to be settled in immediately available funds. The Company expects that secondary trading in any Certificated Notes will also be settled in immediately available funds.

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

Certain Definitions

Set forth below are certain defined terms used in the indenture. Reference is made to the indenture for a full disclosure of all defined terms used therein, as well as any other capitalized terms used herein for which no definition is provided.

"Acquired Debt" means, with respect to any specified Person:

- 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.

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

(1) the sum of:

the discounted future net revenues from proved oil and natural gas reserves of the Company 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 the Company's most recently completed fiscal year, which reserve report is prepared, audited or reviewed by independent petroleum engineers as to proved reserves accounting for at least 80% of all such discounted future net revenues and by the Company's petroleum engineers with respect to any other proved reserves covered by such report, as *increased by*, as of the date of determination, the estimated discounted future net revenues from:

- (i) estimated proved oil and natural gas reserves of the Company and its Restricted Subsidiaries acquired since the date of such year-end reserve report, and
- estimated proved oil and natural gas reserves of the Company 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 reserve report due to exploration, development or exploitation, production or other activities which would, in accordance with standard industry practice, cause such revisions,

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

(iii) estimated proved oil and natural gas reserves of the Company and its Restricted Subsidiaries reflected in such reserve report produced or disposed of since the date of such year-end reserve report, and

reductions in estimated proved oil and natural gas reserves of the Company 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 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 (i) through (iv), calculated on a pre-tax basis and in accordance with SEC guidelines (utilizing the prices utilized in such Person's year-end reserve report); *provided*, *however*, that in the case of each of the determinations made pursuant to clauses (i) through (iv), such increases and decreases shall be as estimated by the Company's petroleum engineers or any independent petroleum engineers engaged by the Company for that purpose;

- (b)
 the capitalized costs that are attributable to Oil and Gas Properties of the Company and its Restricted Subsidiaries to which no proved oil and natural gas reserves are attributable, based on the Company's books and records as of a date no earlier than the last day of the Company's most recent quarterly or annual period for which internal financial statements are available,
- (c)
 the Consolidated Net Working Capital of the Company and its Restricted Subsidiaries as of a date no earlier than
 the last day of the Company's most recent quarterly or annual period for which internal financial statements are
 available; and
- (d) the greater of:
 - (i) the net book value and
 - the appraised value, as estimated by independent appraisers, of other tangible assets (including Investments in unconsolidated Subsidiaries), in each case, of the Company and its Restricted Subsidiaries as of a date no earlier than the last day of the Company's most recent quarterly or annual period for which internal financial statements are available; *provided* that if no such appraisal has been performed, the Company shall not be required to obtain such an appraisal and only clause (d)(i) of this definition shall apply,

minus, to the extent not otherwise taken into account in the immediately preceding clause (1),

(2) the sum of

- (a) minority interests,
- (b)
 to the extent not otherwise taken into account in determining Adjusted Consolidated Net Tangible Assets, any net
 gas balancing liabilities of the Company and its Restricted Subsidiaries as of the last day of the Company's most
 recent annual or quarterly period for which internal financial statements are available;
- to the extent included in clause (1)(a) above, the discounted future net revenues, calculated in accordance with SEC guidelines (utilizing the prices utilized in the Company's year-end reserve report), attributable to reserves that are required to be

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delivered to third parties to fully satisfy the obligations of the Company and its Restricted Subsidiaries with respect to Volumetric Production Payments on the schedules specified with respect thereto, and

(d)

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 (1)(a) above, would be necessary to fully satisfy the payment obligations of the Company and its Restricted Subsidiaries with respect to Dollar-Denominated Production Payments on the schedules specified with respect thereto.

If the Company changes its method of accounting from the successful efforts method to the full cost method or a similar method of accounting, "Adjusted Consolidated Net Tangible Assets" will continue to be calculated as if the Company were still using the successful efforts method of accounting.

"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; provided that beneficial ownership of 10% or more of the Voting Stock of a Person will be deemed to be control. For purposes of this definition, the terms "controlling," "controlled by" and "under common control with" have correlative meanings. Unless otherwise specified or the context shall otherwise require, each reference to an "Affiliate" will refer to an Affiliate of the Company.

"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:
 - the present value at such redemption date of (i) the redemption price of the note at April 15, 2017 (such redemption price being set forth in the table appearing above under the caption "Optional Redemption") plus (ii) all required interest payments due on the note through April 15, 2017 (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.

"Asset Sale" means:

the sale, lease, conveyance, transfer or other disposition (each, a "disposition") of any assets or rights by the Company or any of the Company's Restricted Subsidiaries; provided that the disposition of all or substantially all of the properties or assets of the Company and its Restricted Subsidiaries taken as a whole will be governed by the provisions of the indenture described above under the caption "Repurchase at the Option of Holders Change of Control" and/or the provisions described above under the caption "Certain Covenants Merger, Consolidation or Sale of Assets" and not by the provisions of the Asset Sale covenant; and

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(2) the issuance of Equity Interests by any of the Company's Restricted Subsidiaries or the sale by the Company or any of the Company's Restricted Subsidiaries of Equity Interests in any of the Company's Subsidiaries.

Notwithstanding the preceding, each of the following items will be deemed not to be an Asset Sale:

- (1) any single transaction or series of related transactions that involves assets having a Fair Market Value of less than \$10.0 million:
- a disposition of assets between or among the Company and its Restricted Subsidiaries;
- (3) an issuance or sale of Equity Interests by a Restricted Subsidiary of the Company to the Company or to a Restricted Subsidiary of the Company;
- (4)
 the disposition of products, services or accounts receivable in the ordinary course of business and any disposition of damaged, worn-out or obsolete assets in the ordinary course of business (including the abandonment or other disposition of intellectual property that is, in the reasonable judgment of the Company, no longer economically practicable to maintain or useful in the conduct of the business of the Company and its Restricted Subsidiaries taken as whole);
- (5) licenses and sublicenses by the Company or any of its Restricted Subsidiaries of software or intellectual property in the ordinary course of business;
- (6) any surrender or waiver of contract rights or settlement, release, recovery on or surrender of contract, tort or other claims in the ordinary course of business;
- (7)
 the granting of Liens not prohibited by the covenant described above under the caption "Liens;"
- (8) the disposition of cash or Cash Equivalents or other financial instruments (other than Oil and Gas Hedging Contracts);
- (9) a Restricted Payment that does not violate the covenant described above under the caption " Certain Covenants Restricted Payments" or a Permitted Investment;
- (10) a disposition of Hydrocarbons, sand or other mineral products in the ordinary course of business;
- (11) an Asset Swap;
- (12) dispositions of crude oil and natural gas properties, *provided* that at the time of any such disposition such properties do not have associated with them any proved reserves;
- any Production Payments and Reserve Sales; *provided* that any such Production Payments and Reserve Sales, other than incentive compensation programs on terms that are reasonably customary in the Oil and Gas Business for geologists, geophysicists and other providers of technical services to the Company 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;

(14)

issuances and sales of directors' qualifying shares and other Capital Stock in Restricted Subsidiaries issued to foreign governments, foreign individuals or other third parties to the extent required by applicable law; and

(15)
farmouts of undeveloped oil and gas properties, deemed transfers of working interests under any joint operating agreement as the result of electing (or being deemed to have elected) not

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to participate in the drilling operations for a new well, and assignments under pooling or unitization agreements or other contracts that are customary in the Oil and Gas Business.

"Asset Sale Offer" has the meaning assigned to that term under the caption "Repurchase at the Option of Holders Asset Sales."

"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 Company 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 Company or such Restricted Subsidiary (together with any cash) is reasonably equivalent to the Fair Market Value of the properties or assets (together with any cash) to be received by the Company or such Restricted Subsidiary, and provided further that any net cash received must be applied in accordance with the provisions described above under the caption "Repurchase at the Option of Holders Asset Sales" if then in effect.

"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 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.

"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 partnership, the Board of Directors of a 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.

"Capital Lease Obligation" means, at the time any determination is to be made, the amount of the liability in respect of a capital lease that would at that time be required to be capitalized on a balance sheet prepared in accordance with GAAP, and the Stated Maturity thereof shall be 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.

"Capital Stock" means:

- 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;
- in the case of a partnership or limited liability company, partnership interests (whether general or limited) or membership interests; and
- 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 convertible into Capital Stock, whether or not such debt securities include any right of participation with Capital Stock.

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- (1) United States dollars;
- 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 12 months from the date of acquisition;
- certificates of deposit and eurodollar time deposits with maturities of six months or less from the date of acquisition, bankers' acceptances with maturities not exceeding 12 months and overnight and demand bank deposits, in each case, with any lender party to the Credit Agreement or with any domestic commercial bank having capital and surplus in excess of \$500.0 million and a Thomson Bank Watch Rating of "B" or better;
- repurchase obligations with a term of not more than seven days for underlying securities of the types described in clauses (2) and (3) above entered into with any financial institution meeting the qualifications specified in clause (3) above;
- (5) commercial paper having one of the two highest ratings obtainable from Moody's or S&P and, in each case, maturing within nine months after the date of acquisition; and
- (6) money market funds at least 95% of the assets of which constitute Cash Equivalents of the kinds described in clauses (1) through (5) of this definition.

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

- the direct or indirect sale, lease, transfer, conveyance or other disposition (other than by way of merger or consolidation), in one or a series of related transactions, of all or substantially all of the properties or assets of the Company and its Subsidiaries taken as a whole to any Person (including any "person" (as that term is used in Section 13(d)(3) of the Exchange Act));
- (2) the adoption of a plan relating to the liquidation or dissolution of the Company; or
- the consummation of any transaction (including, without limitation, any merger or consolidation), the result of which is that any Person (including any "person" (as defined above)) becomes the Beneficial Owner, directly or indirectly, of more than 50% of the Voting Stock of the Company, measured by voting power rather than number of shares.

"Change of Control Offer" means an offer by the Company to repurchase notes as described in the first paragraph under the caption "Repurchase at the Option of Holders Change of Control."

"Consolidated EBITDAX" means, with respect to any specified Person for any period, the Consolidated Net Income of such Person for such period plus, without duplication:

- an amount equal to any extraordinary loss plus any net loss realized by such Person or any of its Restricted Subsidiaries in connection with any Asset Sale, or the disposition of securities or the early extinguishment of Indebtedness, to the extent such losses were deducted in computing such Consolidated Net Income; *plus*
- (2) provision for taxes based on income or profits 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 and other

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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 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; *plus*
- (6) any reasonable expenses and charges related to any Permitted Investment, acquisition, disposition, Equity Offering, recapitalization, or issuance or incurrence of Indebtedness permitted to be incurred under the indenture (in each case, whether or not successful); *minus*
- (7)
 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*
- 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 (excluding the net income (loss) of any Unrestricted Subsidiary of such Person), determined in accordance with GAAP and without any reduction in respect of preferred stock dividends; *provided* that:

- (1)
 all extraordinary gains (or losses) and all gains (or losses) realized in connection with any Asset Sale or the disposition of securities or the early extinguishment of Indebtedness, together with any related provision for taxes on any such gain, will be excluded:
- 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 only to the extent of the amount of dividends or similar distributions paid in cash to the specified Person or a Restricted Subsidiary of the specified Person (or, in the case of a loss for such period, only to the extent of the aggregate cash or fair market value of property contributed to such Person by the Company or any Restricted Subsidiary during such period);
- the net income of any Restricted Subsidiary 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 without any prior governmental approval (that has not been obtained) or, directly or indirectly, by operation of the terms of its charter or any agreement, instrument, judgment, decree, order, statute, rule or governmental regulation applicable to that Restricted Subsidiary or its stockholders, partners or members;
- (4) the cumulative effect of a change in accounting principles will be excluded;
- (5)
 unrealized losses and gains under derivative instruments included in the determination of Consolidated Net Income, including, without limitation, those resulting from the application of FASB ASC 815, will be excluded;

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- (6)
 any asset impairment or writedown on or related to Oil and Gas Properties under GAAP or SEC guidelines will be excluded;
 and
- non-cash charges relating to grants of performance shares, stock options, stock awards, stock purchase agreements or management compensation plans for officers, directors, employees or consultants of the Company or a Restricted Subsidiary of the Company (excluding any such non-cash charge to the extent that it represents an accrual of or reserve for cash charges in any future period or amortization of a prepaid cash expense that was paid in a prior period) to the extent that such non-cash charges are deducted in computing such Consolidated Net Income will be excluded; *provided* that if the Company or any Restricted Subsidiary of the Company makes a cash payment in respect of a non-cash charge in any period, such cash payment shall (without duplication) be deducted from the Consolidated Net Income of the Company for such period.

"Consolidated Net Working Capital" of any Person as of any date of determination means (a) all current assets of such Person and its Restricted Subsidiaries except current assets from Oil and Gas Hedging Contracts, less (b) all current liabilities of the Company and its Restricted Subsidiaries, except (i) current liabilities included in Indebtedness, (ii) current liabilities associated with asset retirement obligations relating to oil and 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 Company 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.

"Credit Agreement" means that certain Credit Agreement, dated as of March 29, 2011, as amended to date, by and among the Company, as borrower, KeyBank National Association, as administrative agent and issuing lender, and certain financial institutions, as lenders, including any related notes, Guarantees, collateral documents, instruments and agreements executed in connection therewith, and, in each case, as amended, restated, modified, renewed, refunded, replaced in any manner (whether upon or after termination or otherwise) or refinanced (including by means of sales of debt securities to institutional investors) in whole or in part from time to time.

"Credit Facilities" means, one or more debt facilities (including, without limitation, the Credit Agreement), indentures or commercial paper facilities, in each case, with banks or other institutional lenders providing for revolving credit loans, term loans, capital market financings, receivables financing (including through the sale of receivables to such lenders or to special purpose entities formed to borrow from such lenders against such receivables) or letters of credit, in each case, as amended, restated, modified, renewed, refunded, replaced in any manner (whether upon or after termination or otherwise) or refinanced (including by means of sales of debt securities to institutional investors) in whole or in part from time to time.

"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.

"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, in whole or in part, on or prior to the date that is 91 days after the date on which the notes mature. 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 Company 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 the terms of such Capital Stock provide that the

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Company may not repurchase or redeem any such Capital Stock pursuant to such provisions unless such repurchase or redemption complies with the covenant described above under the caption " Certain Covenants Restricted Payments." The amount of Disqualified Stock deemed to be outstanding at any time for purposes of the indenture will be the maximum amount that the Company 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.

"Domestic Subsidiary" means any Restricted Subsidiary of the Company that was formed under the laws of the United States or any state of the United States or the District of Columbia.

"Equity Interests" of any Person means (1) any and all Capital Stock of such Person and (2) all warrants, options or other rights to purchase (whether or not currently exercisable), or 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 convertible into Equity Interests, regardless of whether such debt securities include any right of participation with Equity Interests).

"Equity Offering" means a public or private sale of Equity Interests of the Company by the Company (other than Disqualified Stock and other than to a Subsidiary of the Company) made for cash on a primary basis by the Company after the date of the indenture.

"Exchange Act" means the Securities Exchange Act of 1934, as amended.

"Existing Indebtedness" means all Indebtedness of the Company and its Restricted Subsidiaries (other than (i) Indebtedness under the Credit Agreement and (ii) Indebtedness described in item (iii) of the second paragraph under the heading " Incurrence of Indebtedness and Issuance of Preferred Stock") in existence on the date of the 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, determined in good faith by senior management of the Company or, in the case of any determination of value in excess of \$25.0 million, the Board of Directors of the Company (in each case, unless otherwise provided in the indenture).

"FASB ASC 815" means Financial Accounting Standards Board Accounting Standards Codification 815.

"Fixed Charge Coverage Ratio" means with respect to any specified Person for any period, the ratio of the Consolidated EBITDAX 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 (in accordance with Regulation S-X under the Securities Act) 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.

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

- acquisitions that have been made by the specified Person or any of its Restricted Subsidiaries, including through mergers or consolidations, 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 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 (in accordance with Regulation S-X under the Securities Act) as if they had occurred on the first day of the four-quarter reference period;
- (2) the Consolidated EBITDAX attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses (and ownership interests therein) disposed of prior to the Calculation Date, will be excluded;
- the Fixed Charges attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses (and ownership interests therein) disposed of 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 a Restricted Subsidiary on the Calculation Date will be deemed to have been a Restricted Subsidiary at all times during such four-quarter period;
- (5) any Person that is not a Restricted Subsidiary on the Calculation Date will be deemed not to have been a Restricted Subsidiary at any time during such four-quarter period; and
- if any Indebtedness bears a floating rate of interest, the interest expense on such Indebtedness will be calculated as if the rate in effect on the Calculation Date had been the applicable rate for the entire period (taking into account any Hedging Obligation applicable to such Indebtedness if such Hedging Obligation has a remaining term as at the Calculation Date of 12 months or more, or, if the remaining term is less than 12 months, taking such Hedging Obligation into account on a proportional basis).

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

- the consolidated interest expense of such Person and its Restricted Subsidiaries for such period, whether paid or accrued (including, without limitation, amortization of debt issuance costs and original issue discount, non-cash interest payments, the interest component of any deferred payment obligations, the interest component of all payments associated with Capital Lease Obligations, 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*
- any interest on Indebtedness of another Person 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*
- all dividends, whether paid or accrued and whether or not in cash, on any series of preferred stock of such Person or any of its Restricted Subsidiaries, other than dividends on Equity Interests payable solely in Equity Interests of the Company (other than Disqualified Stock) or

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to the Company or a Restricted Subsidiary of the Company, in each case, determined on a consolidated basis in accordance with GAAP.

"GAAP" means generally accepted accounting principles set forth in the opinions and pronouncements of the Accounting Principles Board of the American Institute of Certified Public Accountants and statements and pronouncements of the Financial Accounting Standards Board or in such other statements by such other entity as have been approved by a significant segment of the accounting profession, which were in effect on the date of the indenture.

"Government Securities" means securities that are (1) direct obligations of the United States of America for the payment of which its full faith and credit is pledged; (2) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States of America the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States of America, which, in either case under clauses (1) and (2) above, are not callable or redeemable at the option of the issuers thereof; or (3) depository receipts issued by a bank or trust company as custodian with respect to any such U.S. Government Securities or a specific payment of interest on or principal of any such U.S. Government Securities held by such custodian for the account of the holder of a depository receipt; provided that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depository receipt from any amount received by the custodian in respect of the U.S. Government Security evidenced by such depository receipt.

"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 Company that executes a Note Guarantee in accordance with the provisions of the indenture, and their respective successors and assigns, in each case, until the Note Guarantee of such Person has been released in accordance with the provisions of the indenture.

"Hedging Obligations" means, with respect to any specified Person, the obligations of such Person under:

- (1) interest rate swap agreements (whether from fixed to floating or from floating to fixed), interest rate cap agreements and interest rate collar agreements;
- other agreements or arrangements designed to manage interest rates or interest rate risk; and
- (3) Oil and Gas Hedging Contracts.

"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 other minerals or products commonly created, recovered or produced in association therewith or refined or processed therefrom.

"Indebtedness" means, with respect to any specified Person, any indebtedness of such Person (excluding accrued expenses and trade payables), whether or not contingent:

- in respect of borrowed money;
- (2) evidenced by bonds, notes, debentures or similar instruments or letters of credit (or reimbursement agreements in respect thereof);

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- in respect of banker's acceptances;
- (4) representing Capital Lease Obligations;
- (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;
- (6) representing any Hedging Obligations; or
- (7)
 in respect of any Guarantee by such Person of production or payment with respect to a Production Payment (but not any other contractual obligation in respect of such Production Payment),

if and to the extent any of the preceding items (other than letters of credit 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.

Notwithstanding the foregoing, "Indebtedness" shall not include:

- 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 obligation, 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;
- (2) in-kind obligations relating to net oil or natural gas balancing positions arising in the ordinary course of business;
- any obligation arising from agreements of the Company or any Restricted Subsidiary of the Company providing for indemnification, adjustment of purchase price, 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 the indenture, *provided* such obligation is not reflected on the face of the balance sheet of the Company or any Restricted Subsidiary of the Company; or
- (4)
 except as provided in clause (7) in the preceding paragraph, any obligation in respect of any Production Payments and Reserve Sales.

"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 or other obligations), advances or capital contributions (excluding commission, payroll, travel and similar advances to officers, employees, directors, consultants and others made in the ordinary course of business), purchases or other acquisitions for consideration of Indebtedness, Equity Interests or other securities (excluding any interest in an oil or natural gas leasehold to the extent constituting a security under applicable law), together with all items that are or would be classified as investments on a balance sheet prepared in accordance with GAAP. If the Company or any Restricted Subsidiary of the Company sells or otherwise disposes of any Equity Interests of any direct or indirect Restricted Subsidiary of the Company such that, after giving effect to any such sale or disposition, such Person is no longer a Restricted Subsidiary of the Company 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 Company's Investments in such Subsidiary that were not sold or disposed of in an amount determined as provided in the final paragraph of the

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covenant described above under the caption " Certain Covenants Restricted Payments." The acquisition by the Company or any Restricted Subsidiary of the Company of a Person that holds an Investment in a third Person will be deemed to be an Investment by the Company 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 the covenant described above under the caption " Certain Covenants Restricted Payments." Except as otherwise provided in the 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.

"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.

"Moody's" means Moody's Investors Service, Inc. and any successor to the ratings business thereof.

"Net Proceeds" means cash in an amount equal to the aggregate cash proceeds and Cash Equivalents received by the Company 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), net of the direct costs relating to such Asset Sale, including, without limitation, legal, accounting and investment banking fees, and sales commissions, and any relocation expenses incurred as a result of the Asset Sale, 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, and amounts required to be applied to the repayment of Indebtedness (and all other Obligations related thereto), other than revolving credit Indebtedness under a Credit Facility, secured by a Lien on the asset or assets that were the subject of such Asset Sale, and any reserve for sale price adjustment, indemnification or retained liability obligations in respect of the sale price of such assets or such Asset Sale established in accordance with GAAP, and all distributions and other payments required to be made to minority interest holders in Subsidiaries or to holders of royalty or similar interests as a result of such Asset Sale. Notwithstanding any other provision of the indenture, tracing of proceeds from an Asset Sale is not required, and the Company and its Restricted Subsidiaries may use other cash in an equivalent amount in lieu of such proceeds in satisfaction of the requirements of the covenant described under "Repurchase at the Option of Holders Asset Sales."

"Non-Recourse Debt" means Indebtedness:

- (1)
 as to which neither the Company nor any of its Restricted Subsidiaries (a) provides credit support of any kind (including any undertaking, agreement or instrument that would constitute Indebtedness) or (b) is directly or indirectly liable as a guarantor or otherwise; and
- as to which the lenders have been notified in writing that they will not have any recourse to the stock or assets of the Company or any of its Restricted Subsidiaries (other than the Equity Interests of an Unrestricted Subsidiary).

"Note Guarantee" means the Guarantee by each Guarantor of the Company's obligations under the indenture and the notes, contained in or executed pursuant to the provisions of the indenture.

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

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"Oil and Gas Business" means (i) the acquisition, exploration, development, production, operation and disposition of interests in Hydrocarbon and other minerals, (ii) the gathering, distributing, marketing, treating, processing (but not refining), storage, selling, transporting and other handling of any production from such interests or properties, (iii) any business relating to any of the activities described in clauses (i) and (ii) of this definition conducted with respect to Hydrocarbons and other minerals and products commonly created, used, recovered or produced in association therewith and (iv) any activity that is ancillary 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 (or related revenues or costs, including basis) to be used, produced, processed or sold by the Company or any of its Restricted Subsidiaries that are customary in the Oil and Gas Business and designed to protect such Person against fluctuation in Hydrocarbons prices 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.

"Permitted Acquisition Indebtedness" means Indebtedness or Disqualified Stock of the Company or any of its Restricted Subsidiaries to the extent such Indebtedness or Disqualified Stock was Indebtedness or Disqualified Stock (a) of a Person existing at the time such Person became a Restricted Subsidiary of the Company as a result of having been acquired; provided, such Indebtedness or Disqualified Stock was not incurred in contemplation of such acquisition or (b) of a Person that was merged or consolidated with or into the Company or any of its Restricted Subsidiaries that was not incurred in contemplated of such merger or consolidation; provided that on the date such Person became a Restricted Subsidiary or the date such Person was merged or consolidated with or into the Company or any of its Restricted Subsidiaries, as applicable, either:

- 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 Company or such Person (if the Company 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 the first paragraph of the covenant described above under the caption "Incurrence of Indebtedness and Issuance of Preferred Stock," or
- 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 Company or such Person (if the Company is not the survivor in the transaction) would be equal to or greater than the Fixed Charge Coverage Ratio of the Company immediately prior to such transaction.

"Permitted Business Investments" means Investments made in the ordinary course of, and 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, producing, operating, processing, gathering, marketing, distributing, treating, selling, transporting, storing or otherwise handling Hydrocarbons and other minerals and properties that contain or are believed to contain Hydrocarbons and other minerals, through agreements, transactions, interests or arrangements that 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 properties that contain or are believed to contain Hydrocarbons and other minerals or any interest therein or gathering, transportation, processing, storage or related systems or ancillary real property interests, in each case either directly or through entities the primary

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purpose of which is to own or operate any of the foregoing, and (ii) entry into and Investments in the form of or pursuant to operating agreements, working interests, royalty interests, mineral leases, contracts for the sale, transportation or exchange of oil and natural gas, production sharing agreements, processing agreements, farm-in agreements, farm-out agreements, developments agreements, area of mutual interest agreements, unitization agreements, pooling agreements, joint bidding agreements, service contracts, joint venture agreements, partnership agreements (whether general or limited), limited liability company agreements, subscription agreements, stock purchase agreements, stockholder agreements and other similar agreements with third parties.



- (1) any Investment in the Company or in a Restricted Subsidiary of the Company;
- (2) any Investment in cash and Cash Equivalents;
- any Investment by the Company or any Restricted Subsidiary of the Company in a Person, if as a result of such Investment:
 - (a) such Person becomes a Restricted Subsidiary of the Company; or
 - (b) such Person is merged, consolidated or amalgamated with or into, or transfers or conveys substantially all of its assets to, or is liquidated into, the Company or a Restricted Subsidiary of the Company;
- any Investment made as a result of the receipt of non-cash consideration from an Asset Sale that was made pursuant to and in compliance with the covenant described above under the caption "Repurchase at the Option of Holders Asset Sales," including pursuant to an Asset Swap;
- (5) any acquisition of assets or Capital Stock solely in exchange for the issuance of Equity Interests (other than Disqualified Stock) of the Company;
- 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 Company 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) loans or advances to officers, directors or employees made in the ordinary course of business of the Company or any Restricted Subsidiary of the Company and consistent with past practice;
- (9) repurchases of the notes;
- any guarantee of Indebtedness permitted to be incurred by the covenant entitled " Certain Covenants Incurrence of Indebtedness and Issuance of Preferred Stock" other than a guarantee of Indebtedness of an Affiliate of the Company that is not a Restricted Subsidiary of the Company;
- any Investment existing on, or made pursuant to a binding commitment existing on, the date of the 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 the 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 the indenture or (b) as otherwise permitted under the indenture;

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- Investments acquired after the date of the indenture as a result of the acquisition by the Company or any Restricted Subsidiary of the Company of another Person, including by way of a merger, amalgamation or consolidation with or into the Company or any of its Restricted Subsidiaries in a transaction that is not prohibited by the covenant described above under the caption "Merger, Consolidation or Sale of Assets" after the date of the indenture to the extent that such Investments were not made in contemplation of such acquisition, merger, amalgamation or consolidation and were in existence on the date of such acquisition, merger, amalgamation or consolidation;
- (13) Permitted Business Investments;
- receivables owing to the Company or any Restricted Subsidiary of the Company 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 Company or any such Restricted Subsidiary of the Company deems reasonable under the circumstances;
- (15)
 Investments constituting prepaid expenses or advances or extensions of credit to customers or suppliers in the ordinary course of business;
- (16) endorsements of negotiable instruments and documents in the ordinary course of business;
- (17)

 Investments in the form of pledges or deposits made in the ordinary course of business and constituting Permitted Liens; and
- Investments having an aggregate Fair Market Value (measured on the date each such Investment was made and without giving effect to subsequent changes in value), when taken together with all other Investments made pursuant to this clause (18) that are at the time outstanding that do not exceed the greater of (a) \$20.0 million and (b) 2.5% of Adjusted Consolidated Net Tangible Assets determined as of the date such Investment is made.

"Permitted Liens" means:

- (1)

 Liens on assets of the Company or any Guarantor securing Indebtedness and other Obligations under Credit Facilities that were permitted by the terms of the indenture to be incurred pursuant to clause (1) of the definition of Permitted Debt and/or securing Hedging Obligations related thereto and/or securing Obligations with regard to Treasury Management Arrangements;
- (2) Liens in favor of the Company or the Guarantors;
- Liens on property of a Person existing at the time such Person becomes a Restricted Subsidiary of the Company or is merged with or into or consolidated with the Company or any Restricted Subsidiary of the Company; *provided* that such Liens were in existence prior to the contemplation of such Person becoming a Restricted Subsidiary of the Company or such merger or consolidation and do not extend to any assets other than those of the Person that becomes a Restricted Subsidiary of the Company or is merged with or into or consolidated with the Company or any Restricted Subsidiary of the Company;
- (4)
 Liens on property (including Capital Stock) existing at the time of acquisition of the property by the Company or any Subsidiary of the Company; *provided* that such Liens were in existence prior to such acquisition and not incurred in contemplation of such acquisition;

(5)

Liens to secure the performance of statutory or regulatory obligations, insurance, surety or appeal bonds, workers' compensation obligations, bid, plugging and abandonment and performance bonds or other obligations of a like nature incurred in the ordinary course of

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business (including Liens to secure letters of credit issued to assure payment of such obligations);

- (6)
 Liens to secure Indebtedness (including Capital Lease Obligations) permitted by clause (4) of the second paragraph of the covenant entitled " Certain Covenants Incurrence of Indebtedness and Issuance of Preferred Stock" covering only the assets acquired with or financed by such Indebtedness;
- (7) Liens existing on the date of the indenture;
- (8) Liens created for the benefit of (or to secure) the notes (or the Note Guarantees);
- (9)

 Liens to secure any Permitted Refinancing Indebtedness permitted to be incurred under the 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; 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 renewed, refunded, refinanced, replaced, defeased or discharged with such Permitted Refinancing Indebtedness and (y) an amount necessary to pay accrued interest and any fees and expenses, including premiums, related to such renewal, refunding, refinancing, replacement, defeasance or discharge;
- (10)
 Liens on insurance policies and proceeds thereof, or other deposits, to secure insurance premium financings;
- (11) filing of Uniform Commercial Code financing statements as a precautionary measure in connection with operating leases;
- bankers' Liens, rights of setoff, 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;
- (13)
 Liens on cash, Cash Equivalents or other property arising in connection with the defeasance, discharge or redemption of Indebtedness;
- 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;
- grants of software and other technology licenses in the ordinary course of business;
- (16)
 Liens arising out of conditional sale, title retention, consignment or similar arrangements for the sale of goods entered into in the ordinary course of business;
- (17)
 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;

(18)

Liens arising under oil and gas leases or subleases, 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

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interest billing arrangements, participation agreements, production sales contracts, 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 that 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;

- (19)

 Liens to secure performance of Hedging Obligations of the Company or any of its Restricted Subsidiaries entered into in the ordinary course of business and not for speculative purposes;
- Liens imposed by law, including landlords', carriers', warehousemen's, mechanics', materialmen's and repairmen's Liens, or related contracts in the ordinary course of business, in each case for sums not overdue for more than 60 days (or which, if due and payable, are being contested in good faith by appropriate proceedings provided appropriate reserves required pursuant to GAAP have been made in respect thereof);
- Liens for taxes, assessments or other governmental charges not overdue for more than 30 days (or which, if so overdue, are being contested in good faith by appropriate proceedings provided appropriate reserves required pursuant to GAAP have been made in respect thereof) or the nonpayment of which in the aggregate would not reasonably be expected to have a material adverse effect on the Company and the Restricted Subsidiaries of the Company taken as a whole;
- (22)
 Liens in favor of issuers of surety or performance bonds or letters of credit or bankers' acceptances issued pursuant to the request of and for the account of the Company or any Restricted Subsidiary of the Company in the ordinary course of its business; *provided*, *however*, that such letters of credit do not constitute Indebtedness;
- survey exceptions, encumbrances, ground leases, easements or reservations of, or rights of others for, licenses, rights-of-way, sewers, electric lines, telegraph and telephone lines and other similar purposes, or zoning, building codes or other restrictions (including, without limitation, minor defects or irregularities in title and similar encumbrances) as to the use of real properties or liens incidental to the conduct of the business of the Company or any Restricted Subsidiary of the Company or to the ownership of its properties that do not in the aggregate materially adversely affect the value of said properties or materially impair their use in the operation of the business of the Company or any Restricted Subsidiary of the Company;
- (24)
 leases, licenses, subleases and sublicenses of assets (including, without limitation, real property and intellectual property rights) that do not materially interfere with the ordinary conduct of the business of the Company or any Restricted Subsidiary of the Company;
- (25) any interest or title of a lessor under any operating lease;
- (26)
 Liens on pipelines or pipeline facilities that arise by operation of law;
- Liens arising under the 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 the indenture, *provided*, 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;
- Liens (a) on advances of cash or Cash Equivalents in favor of the seller of any property to be acquired by the Company or any Restricted Subsidiary of the Company under clause (3) of the definition of "Permitted Investment" to be applied against the purchase price for such Investment, (b) consisting of an agreement to dispose of any property in a disposition

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permitted under the indenture and (c) on cash earnest money deposits made by the Company or any Restricted Subsidiary of the Company in connection with any letter of intent or purchase agreement permitted under the indenture;

- Liens incurred in the ordinary course of business of the Company or any Restricted Subsidiary of the Company with respect to Indebtedness that, at any one time outstanding, does not exceed the greater of (a) \$20.0 million and (b) 2.5% of Adjusted Consolidated Net Tangible Assets of the Company determined as of the date such Lien is incurred; and
- any Lien renewing, extending, refinancing or refunding a Lien permitted by this definition, *provided* that (a) the principal amount of the Indebtedness secured by such Lien is not increased except by an amount equal to accrued interest and premium thereon and fees, costs and expenses incurred in connection therewith, and by an amount equal to any existing commitments unutilized thereunder and (b) no assets encumbered by any such Lien other than the assets permitted to be encumbered immediately prior to such renewal, extension, refinance or refund are encumbered thereby.

In each case set forth above, notwithstanding any stated limitation on the assets or property that may be subject to such Lien, a Permitted Lien on a specified asset or property or group or type of assets or property may include Liens on all improvements, additions, repairs, attachments and accessions thereto, assets and property affixed or appurtenant thereto, parts, replacements and substitutions therefor, and all products and proceeds thereof, including dividends, distributions, interest and increases in respect thereof.

"Permitted Refinancing Indebtedness" means any Indebtedness of the Company 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 of the Company 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 (or accreted value, if applicable) of the Indebtedness renewed, refunded, refinanced, replaced, defeased or discharged (plus all accrued interest on the Indebtedness and the amount of all fees, costs and expenses, including premiums, incurred in connection therewith);
- such Permitted Refinancing Indebtedness (a) has a Weighted Average Life to Maturity equal to or greater than the Weighted Average Life to Maturity of the Indebtedness being renewed, refunded, refinanced, replaced, defeased or discharged and (b) has a final maturity date that is (i) later than the final maturity date of the Indebtedness being renewed, refunded, refinanced, replaced, defeased or discharged or (ii) more than 90 days after the final maturity date of the notes;
- if the Indebtedness being renewed, refunded, refinanced, replaced, defeased or discharged is subordinated in right of payment to the notes or the Note Guarantees, such Permitted Refinancing Indebtedness is subordinated in right of payment to the notes or the Note Guarantees, as applicable, on terms at least as favorable to the holders of notes as those contained in the documentation governing the Indebtedness being renewed, refunded, refinanced, replaced, defeased or discharged; and
- (4) such Indebtedness is incurred either by the Company or by the Restricted Subsidiary of the Company that was the obligor on the Indebtedness being renewed, refunded, refinanced, defeased or discharged and is guaranteed only by Persons who were obligors on the Indebtedness being renewed, refunded, refinanced, replaced, defeased or discharged.

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

"Production Payments" means Dollar-Denominated Production Payments and Volumetric Production Payments, collectively.

"Production Payments and Reserve Sales" means the grant or transfer by the Company 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 Company or any of its Restricted Subsidiaries.

"Qualifying Equity Interests" means Equity Interests of the Company other than (1) Disqualified Stock and (2) Equity Interests sold in an Equity Offering prior to the third anniversary of the date of the indenture that are eligible to be used to support an optional redemption of notes pursuant to the "Optional Redemption" provisions of the indenture.

"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.

"S&P" means Standard & Poor's Ratings Services, and any successor to the ratings business thereof.

"SEC" means the Securities and Exchange Commission.

"Securities Act" means the Securities Act of 1933, as amended.

"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 the 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 documentation governing such Indebtedness as of the date of the indenture, 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:

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 shares of Capital Stock entitled (without regard to the occurrence of any contingency and after giving effect to any voting agreement or stockholders' agreement that effectively transfers voting power) to vote in the election of directors, managers or trustees of the corporation, association or other business entity 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

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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 and 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, and (b) such Person or any Subsidiary of such Person is a controlling general partner or otherwise controls such entity.

Unless otherwise specified or the context shall otherwise require, each reference to a "Subsidiary" will refer to a Subsidiary of the Company.

"Treasury Management Arrangement" means any agreement or other arrangement governing the provision of treasury or cash management services, including deposit accounts, overdraft, credit or debit card, funds transfer, automated clearinghouse, zero balance accounts, returned check concentration, controlled disbursement, lockbox, account reconciliation and reporting and trade finance services and other cash management services.

"Treasury Rate" means, as of any redemption date, the yield to maturity as of such redemption date of 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 April 15, 2017; provided, however, that if the period from the redemption date to April 15, 2017, 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 Company 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.

"Unrestricted Subsidiary" means any Subsidiary of the Company that is designated by the Board of Directors of the Company as an Unrestricted Subsidiary pursuant to a resolution of the Board of Directors, but only to the extent that such Subsidiary:

- (1) has no Indebtedness other than Non-Recourse Debt:
- except as permitted by the covenant described above under the caption " Certain Covenants Transactions with Affiliates," is not party to any agreement, contract, arrangement or understanding with the Company or any Restricted Subsidiary of the Company unless the terms of any such agreement, contract, arrangement or understanding are no less favorable to the Company or such Restricted Subsidiary than those that might be obtained at the time from Persons who are not Affiliates of the Company;
- is a Person with respect to which neither the Company 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 or to cause such Person to achieve any specified levels of operating results; and
- (4)
 has not guaranteed or otherwise directly or indirectly provided credit support for any Indebtedness of the Company or any of its Restricted Subsidiaries, except to the extent such Guarantee would be released upon such designation.

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

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

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"Voting Stock" of any specified Person as of any date means the Capital Stock of such Person that is at the time entitled to vote in the election of the Board of Directors of such Person; *provided* that with respect to a limited partnership or other entity that 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 at any date, the number of years obtained by dividing:

- 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, including payment at final maturity, in respect of the Indebtedness, 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.

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PLAN OF DISTRIBUTION

We may sell the senior notes offered hereby to one or more underwriters for public offering and sale by them or may sell the senior notes offered hereby to investors directly or through agents, which agents may be affiliated with us. Direct sales to investors may be accomplished through subscription offerings or through subscription rights distributed to our shareholders. In connection with subscription offerings or the distribution of subscription rights to shareholders, if all of the underlying senior notes offered hereby are not subscribed for, we may sell such unsubscribed senior notes to third parties directly or through agents and, in addition, whether or not all of the underlying senior notes are subscribed for, we may concurrently offer additional senior notes to third parties directly or through agents, which agents may be affiliated with us. Any underwriter or agent involved in the offer and sale of the senior notes will be named in the applicable prospectus supplement or related free writing prospectus.

The distribution of the senior notes may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, or at prices related to the prevailing market prices at the time of sale or at negotiated prices, any of which may represent a discount from the prevailing market price. We also may, from time to time, authorize underwriters acting as our agents to offer and sell the senior notes upon the terms and conditions set forth in the applicable prospectus supplement or related free writing prospectus. In connection with the sale of the senior notes, underwriters may be deemed to have received compensation from us in the form of underwriting discounts or commissions and may also receive commissions from purchasers of senior notes for whom they may act as agent. Underwriters may sell senior notes to or through dealers, and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agent.

Any underwriting compensation paid by us to underwriters or agents in connection with the offering of the senior notes, and any discounts, concessions or commissions allowed by underwriters to participating dealers, will be set forth in the applicable prospectus supplement or related free writing prospectus. Underwriters, dealers and agents participating in the distribution of the senior notes may be deemed to be underwriters, and any discounts and commissions received by them and any profit realized by them on resale of the senior notes may be deemed to be underwriting discounts and commissions under the Securities Act. Underwriters, dealers and agents may be entitled, under agreements entered into with us, to indemnification against and contribution toward civil liabilities, including liabilities under the Securities Act. Any such indemnification agreements will be described in the applicable prospectus supplement or related free writing prospectus.

Some of the underwriters and their affiliates may be customers of, engage in transactions with and perform services for us and our subsidiaries in the ordinary course of business.

LEGAL MATTERS

Mayer Brown LLP of Houston, Texas, has provided its opinion on the validity of the senior notes offered by this prospectus.

EXPERTS

The consolidated financial statements incorporated in this prospectus by reference from Bonanza Creek Energy, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2012, and the effectiveness of Bonanza Creek Energy Inc.'s internal controls over financial reporting, have been audited by Hein & Associates LLP, an independent registered public accounting firm, as set forth in their reports, which are incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

The historical oil and natural gas reserve information and related information included and incorporated by reference in this prospectus have been derived from engineering reports prepared by Cawley, Gillespie & Associates, Inc., an independent reserve engineering firm. The estimates have been so incorporated in reliance upon the reports of such firm given upon their authority as experts in petroleum engineering.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the information requirements of the Exchange Act, and in accordance therewith, we are required to file periodic reports, proxy statements and other information with the SEC. Such reports, proxy statements and other information filed by us can be inspected and copied at the SEC's Public Reference Room located at 100 F Street, N.E., Washington, D.C. 20549 at the prescribed rates. The SEC also maintains a site on the Internet that contains reports, proxy and information statements and other information regarding registrants that file electronically. The address of such site is http://www.sec.gov. Please call 1-800-SEC-0330 for further information on the operation of the SEC's Public Reference Room.

This prospectus omits certain information that is contained in the registration statement on file with the SEC, of which this prospectus is a part. For further information with respect to us and our securities, reference is made to the registration statement, including the exhibits incorporated therein by reference or filed therewith. Statements herein contained concerning the provisions of any document are not necessarily complete and, in each instance, reference is made to the copy of such document filed as an exhibit or incorporated by reference to the registration statement. Each such statement is qualified in its entirety by such reference. The registration statement and the exhibits may be inspected without charge at the offices of the SEC or copies thereof obtained at prescribed rates from the public reference section of the SEC at the addresses set forth above.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to "incorporate by reference" the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. The following documents we filed with the SEC (File number 000-35371) pursuant to the Exchange Act are incorporated herein by reference (excluding any information "furnished" on any Current Report on Form 8-K):

our Annual Report on Form 10-K for the fiscal year ended December 31, 2012 (including the portions of our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 30, 2013 incorporated by reference therein);

our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, 2013, June 30, 2013 and September 30, 2013;

our Current Reports on Form 8-K and on Form 8-K/A filed with the SEC on January 28, 2013, February 4, 2013, March 29, 2013, April 5, 2013, April 11, 2013, May 3, 2013, May 31, 2013, June 7, 2013, August 1, 2013, August 13, 2013, September 12, 2013 and November 8, 2013; and

our Definitive Proxy Statement, filed with the SEC on April 30, 2013.

We incorporate by reference the documents listed above and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (excluding any information "furnished" on any Current Report on Form 8-K), after the date on which the registration statement that includes this prospectus was initially filed with the SEC and until all offerings under this shelf registration statement are terminated. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is incorporated or deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may obtain free of charge, upon written or oral request, a copy of any or all of the information incorporated by reference in this prospectus, other than exhibits to such information (unless such exhibits are specifically incorporated by reference into the information that this prospectus incorporates). Requests for such copies should be directed to:

Bonanza Creek Energy, Inc. Attention: Investor Relations 410 17th Street, Suite 1400 Denver, CO 80202 Phone: (720) 440-6100

ir@bonanzacrk.com

64

\$220,000,000

Senior Notes

Guarantees of Senior Notes

PROSPECTUS

PART II INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 14. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION

The following table sets forth various estimated expenses in connection with the sale and distribution of the securities being registered, other than underwriting discounts and commissions. These expenses have been estimated solely for the purposes of this item. Actual expenses may vary.

SEC registration fee	(1)
Printing expenses	(2)
Legal fees and expenses	(2)
Accounting fees and expenses	(2)
Engineering fees and expenses	(2)
Miscellaneous	(2)

(1) In accordance with Rules 456(b) and 457(r), the registrant is deferring payment of all of the registration fee.

Estimated expenses are not presently known because they depend upon, among other things, the number of offerings that will be made pursuant to this registration statement, the amount of securities being offered and the timing of such offerings. The foregoing sets forth the general categories of expenses (other than underwriting discounts and commissions) that we anticipate we will incur in connection with the offering of securities under this registration statement on Form S-3. An estimate of the aggregate expenses in connection with the issuance and distribution of the securities being offered will be included in the applicable prospectus supplement.

ITEM 15. INDEMNIFICATION OF DIRECTORS AND OFFICERS

Our second amended and restated certificate of incorporation provides that a director will not be liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (1) for any breach of the director's duty of loyalty to the corporation or its stockholders, (2) for acts or omissions not in good faith or which involved intentional misconduct or a knowing violation of the law, (3) under section 174 of the Delaware General Corporation Law (the "DGCL") for unlawful payment of dividends or improper redemption of stock or (4) for any transaction from which the director derived an improper personal benefit. In addition, if the DGCL is amended to authorize the further elimination or limitation of the liability of directors, then the liability of a director of the corporation will be limited to the fullest extent permitted by the amended DGCL.

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

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Our second amended and restated certificate of incorporation contains indemnification rights for our directors and our officers. Additionally, our third amended and restated bylaws provides that we will indemnify and advance expenses to any officer or director to the fullest extent authorized by the DGCL and that persons who are not directors or officers may be similarly indemnified for service to the company to the extent authorized by our board of directors. We have obtained directors' and officers' insurance to cover our directors, officers and some of our employees for certain liabilities. Further, we have entered into written indemnity agreements with our directors and executive officers. Under these agreements, if a director or officer makes a claim of indemnification to us, either a majority of the independent directors or independent legal counsel selected by the independent directors will review the relevant facts and make a determination whether the officer or director has met the standards of conduct under Delaware law that would permit (under Delaware law) and require (under the indemnity agreement) us to indemnify the officer or director.

The foregoing is only a general summary of certain aspects of Delaware law, our second amended and restated certificate of incorporation and our third amended and restated bylaws dealing with indemnification of directors and officers, and does not purport to be complete. It is qualified in its entirety by reference to the detailed provisions of Section 145 of the DGCL, our second amended and restated certificate of incorporation and our third amended and restated bylaws.

ITEM 16. EXHIBITS

See "Exhibit Index."

ITEM 17. UNDERTAKINGS

(a) The Registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "Securities Act");
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission (the "Commission") pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
 - (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

Provided, *however*, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 (the "Exchange

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Act") that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
 - (4) That, for the purpose of determining liability under the Securities Act to any purchaser:
 - (i) Each prospectus filed by the Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
 - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided*, *however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned Registrant undertakes that in a primary offering of securities of the undersigned Registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
 - (i) Any preliminary prospectus or prospectus of the undersigned Registrant relating to the offering required to be filed pursuant to Rule 424;
 - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned Registrant or used or referred to by the undersigned Registrant;
 - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned Registrant or its securities provided by or on behalf of the undersigned Registrant; and
 - (iv) Any other communication that is an offer in the offering made by the undersigned Registrant to the purchaser.

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- (b)

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

 The undersigned Registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Trust Indenture Act.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

BONANZA CREEK ENERGY, INC.

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	By:	/s/ MICHAEL R. STARZER
		Michael R. Starzer,
		Director, President and Chief Executive Officer (Principal Executive Officer)
		(Frincipal Executive Officer)
Date: November 12, 2013	By:	/s/ GARY A. GROVE
		Gary A. Grove,
		Director, Executive Vice President Engineering and Planning
Date: November 12, 2013	By:	/s/ WILLIAM J. CASSIDY
		William J. Cassidy
		Executive Vice President and Chief Financial Officer
	II-5	(Principal Financial Officer)

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Date: No	ovember 12, 2013	Ву:	/s/ WADE E. JAQUES
			Wade E. Jaques, Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: No	ovember 12, 2013	By:	/s/ RICHARD J. CARTY
			Richard J. Carty, Chairman of the Board
Date: No	ovember 12, 2013	Ву:	/s/ MARVIN CHRONISTER
			Marvin Chronister, Director
Date: No	ovember 12, 2013	Ву:	/s/ KEVIN A. NEVEU
			Kevin A. Neveu, Director
Date: No	ovember 12, 2013	Ву:	/s/ GREGORY P. RAIH
			Gregory P. Raih, Director
Date: No	ovember 12, 2013	Ву:	/s/ JAMES A. WATT
		II-6	James A. Watt, Director
		11-0	

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

BONANZA CREEK ENERGY OPERATING COMPANY, LLC

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	Ву:	/s/ MICHAEL R. STARZER
	Name: Title:	Michael R. Starzer President and Chief Executive Officer (Principal Executive Officer)
Date: November 12, 2013	Ву:	/s/ WILLIAM J. CASSIDY
	Name: Title:	William J. Cassidy Executive Vice President and Chief Financial Officer (Principal Financial Officer)
Date: November 12, 2013	Ву:	/s/ WADE E. JAQUES
	Name: Title:	Wade E. Jaques Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: November 12, 2013	Bonanza Creek Energy, Inc., Manager	
	Ву:	/s/ MICHAEL R. STARZER
	Name: Title: II-7	Michael R. Starzer President and Chief Executive Officer

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

BONANZA CREEK ENERGY RESOURCES COMPANY, LLC

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	By:	/s/ MICHAEL R. STARZER
	Name: Title:	Michael R. Starzer Manager, President and Chief Executive Officer (Principal Executive Officer)
Date: November 12, 2013	By:	/s/ WILLIAM J. CASSIDY
	Name: Title:	William J. Cassidy Executive Vice President and Chief Financial Officer (Principal Financial Officer)
Date: November 12, 2013	Ву:	/s/ WADE E. JAQUES
	Name: Title:	Wade E. Jaques Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: November 12, 2013	By:	/s/ GARY A. GROVE
	Name: Title: II-8	Gary A. Grove Manager

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

BONANZA CREEK ENERGY UPSTREAM LLC

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	By:	/s/ MICHAEL R. STARZER
	Name: Title:	Michael R. Starzer Manager, President and Chief Executive Officer (Principal Executive Officer)
Date: November 12, 2013	By:	/s/ WILLIAM J. CASSIDY
	Name: Title:	William J. Cassidy Executive Vice President and Chief Financial Officer (Principal Financial Officer)
Date: November 12, 2013	By:	/s/ WADE E. JAQUES
	Name: Title:	Wade E. Jaques Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: November 12, 2013	By:	/s/ GARY A. GROVE
	Name: Title: II-9	Gary A. Grove Manager

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

BONANZA CREEK ENERGY MIDSTREAM, LLC

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	By:	/s/ MICHAEL R. STARZER
	Name: Title:	Michael R. Starzer Manager, President and Chief Executive Officer (Principal Executive Officer)
Date: November 12, 2013	By:	/s/ WILLIAM J. CASSIDY
	Name: Title:	William J. Cassidy Executive Vice President and Chief Financial Officer (Principal Financial Officer)
Date: November 12, 2013	Ву:	/s/ WADE E. JAQUES
	Name: Title:	Wade E. Jaques Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: November 12, 2013	By:	/s/ GARY A. GROVE
	Name: Title: II-10	Gary A. Grove Manager

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing a registration statement on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Denver, State of Colorado, on November 12, 2013.

HOLMES EASTERN COMPANY, LLC

By: /s/ MICHAEL R. STARZER

Name: Michael R. Starzer

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints William J. Cassidy, Wade E. Jacques and Christopher I. Humber, and each of them, his true and lawful attorneys-in-fact and agents with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-3, and to file the same with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his, her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Date: November 12, 2013	By:	/s/ MICHAEL R. STARZER
	Name: Title:	Michael R. Starzer President and Chief Executive Officer (Principal Executive Officer)
Date: November 12, 2013	By:	/s/ WILLIAM J. CASSIDY
	Name: Title:	William J. Cassidy Executive Vice President and Chief Financial Officer (Principal Financial Officer)
Date: November 12, 2013	By:	/s/ WADE E. JAQUES
	Name: Title:	Wade E. Jaques Vice President, Chief Accounting Officer, Controller and Treasurer (Principal Accounting Officer)
Date: November 12, 2013	Bonanza	Creek Energy Operating Company, LLC, Manager
	By:	Bonanza Creek Energy, Inc., Manager
	By:	/s/ MICHAEL R. STARZER
	Name: Title: II-11	Michael R. Starzer President and Chief Executive Officer

EXHIBIT INDEX

Exhibit No.

Description of Exhibit

- 1.1* Form of Underwriting Agreement by and among Bonanza Creek Energy, Inc., the subsidiaries of the Company party thereto and the underwriters named therein.
- 4.1 Second Amended and Restated Certificate of Incorporation of Bonanza Creek Energy, Inc., filed with the Secretary of State of the State of Delaware on December 16, 2011 (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed on December 22, 2011).
- 4.2 Third Amended and Restated Bylaws of Bonanza Creek Energy, Inc. (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed on August 1, 2013).
- 4.3 Indenture, dated as of April 9, 2013, among Bonanza Creek Energy, Inc., the guarantors named therein and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.1 to our Current Report on Form 8-K filed on April 11, 2013).
- 4.4 Form of any Senior Note (included in the Indenture incorporated by reference as Exhibit 4.3 hereto).
- 5.1 Opinion of Mayer Brown LLP.
- 12.1 Statement Regarding Computation of Ratio of Earnings to Fixed Charges.
- 23.1 Consent of Hein & Associates LLP.
- 23.2 Consent of Independent Petroleum Engineers, Cawley, Gillespie & Associates, Inc.
- 23.3 Consent of Mayer Brown LLP (included in Exhibit 5.1 hereto).
- 24.1 Powers of Attorney (included on the signature pages hereto).
- 25.1 Form T-1 Statement of Eligibility of Trustee under Senior Debt Indenture.

Filed herewith.

*

To be filed, if necessary, subsequent to the effectiveness of this registration statement by an amendment to this registration statement or incorporated by reference in connection with the offering of securities registered hereunder.