
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3

REGISTRATION STATEMENT UNDER THE
SECURITIES ACT OF 1933

CHESAPEAKE ENERGY CORPORATION*

(Exact Name of Registrant as Specified in Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

**6100 North Western Avenue
Oklahoma City, Oklahoma 73118
(405) 848-8000**

(Address, Including Zip Code,
and Telephone Number, Including Area Code,
of Registrant's Principal Executive Offices)

73-1395733

(I.R.S. Employer Identification Number)

**Aubrey K. McClendon
Chairman of the Board and
Chief Executive Officer
6100 North Western Avenue
Oklahoma City, Oklahoma 73118
(405) 848-8000**

(Name, Address, Including Zip Code,
and Telephone Number, Including
Area Code, of Agent for Service)

Copy to:

**James M. Prince, Esq.
Vinson & Elkins L.L.P.
2300 First City Tower
1001 Fannin Street
Houston, Texas 77002-6760
713-758-3710
713-615-5962 (fax)**

Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

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

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

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

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

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box.

CALCULATION OF REGISTRATION FEE

| Title of Each Class of Securities to be Registered | Proposed Maximum Aggregate Offering Price (1) (2) | Amount of Registration Fee |
|---|--|-------------------------------|
| Debt Securities (3) (4) | | |
| Guarantees of Debt Securities (3) (5) | | |
| Preferred Stock (3) | | |
| Depository Shares (6) | | |
| Common Stock (including attached preferred share purchase rights) (3) | | |
| Total | \$ 500,000,000 | \$ 29,027(7) |

- (1) Rule 457(o) under the Securities Act of 1933, as amended, permits the registration fee to be calculated on the basis of the maximum offering price of all of the securities listed and, therefore, the table does not specify by each class information as to the amount to be registered or the proposed maximum offering price per security.
 - (2) This registration statement also covers an indeterminate amount of securities that may be issued in exchange for, or upon conversion or exercise of, as the case may be, any securities registered hereunder that provide for conversion, exercise or exchange. Any securities registered hereunder may be sold separately or as units with other securities registered hereunder.
 - (3) An indeterminate principal amount or number of debt securities, guarantees of debt securities, preferred stock, depository shares and common stock may be issued from time to time at indeterminate prices, with an aggregate offering price not to exceed \$500,000,000.
 - (4) If any debt securities are issued at an original issue discount, then the offering price of those debt securities shall be in an amount that will result in an aggregate initial offering price not to exceed \$500,000,000, less the dollar amount of any registered securities previously issued.
 - (5) The Ames Company, L.L.C., Carmen Acquisition, L.L.C., Chesapeake Acquisition, L.L.C., Chesapeake Energy Louisiana Corporation, Chesapeake EP Corporation, Chesapeake Exploration Limited Partnership, Chesapeake Louisiana, L.P., Chesapeake Operating, Inc., Chesapeake Panhandle Limited Partnership, Chesapeake Royalty, L.L.C., Gothic Energy, L.L.C., Gothic Production, L.L.C., Nomac Drilling Corporation, Chesapeake Mountain Front, L.L.C., Chesapeake ORC, L.L.C., Sap Acquisition, L.L.C., Chesapeake-Staghorn Acquisition L.P., Chesapeake KNAN Acquisition, L.L.C., Chesapeake ENO Acquisition, L.L.C., Chesapeake South Texas Corp., Chesapeake Focus, L.L.C., Chesapeake Sigma, L.P., MC Mineral Company, L.L.C., Oxley Petroleum Co. and John C. Oxley, L.L.C. will fully, irrevocably and unconditionally guarantee on an unsecured basis any debt securities of Chesapeake Energy Corporation issued and sold pursuant to this registration statement. Pursuant to Rule 457(n) under the Securities Act, no separate fee is payable with respect to the guarantees of the debt securities being registered.
 - (6) The depository shares registered hereunder will be evidenced by depository receipts issued pursuant to a depository agreement. If the registrant elects to offer to the public fractional interests in shares of preferred stock, then depository receipts will be distributed to those persons purchasing the fractional interests and the shares will be issued to the depository under the depository agreement.
 - (7) Calculated pursuant to Rule 457(o) at the statutory rate of \$80.90 per \$1,000,000 of securities registered and, pursuant to Rule 457(p), minus the filing fee of \$11,423 previously paid on July 22, 2002, in respect of the remaining unsold securities having an aggregate initial offering price of \$141,200,000 which were previously registered by the registrants under the registration statement on Form S-3 (No. 333-96863) initially filed on July 22, 2002.
- * Includes certain subsidiaries of Chesapeake Energy Corporation identified on the following pages.

The Ames Company, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1470082
(I.R.S. Employer Identification Number)

Carmen Acquisition, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1604860
(I.R.S. Employer Identification Number)

Chesapeake Acquisition, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1528271
(I.R.S. Employer Identification Number)

Chesapeake Energy Louisiana Corporation
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1524569
(I.R.S. Employer Identification Number)

Chesapeake EP Corporation
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

48-1270813
(I.R.S. Employer Identification Number)

Chesapeake Exploration Limited Partnership
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1384282
(I.R.S. Employer Identification Number)

Chesapeake Louisiana, L.P.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1519126
(I.R.S. Employer Identification Number)

Chesapeake Operating, Inc.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1343196
(I.R.S. Employer Identification Number)

Chesapeake Panhandle Limited Partnership
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1565350
(I.R.S. Employer Identification Number)

Chesapeake Royalty, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1549744
(I.R.S. Employer Identification Number)

Gothic Energy, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

22-2663839
(I.R.S. Employer Identification Number)

Gothic Production, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1539475

(I.R.S. Employer Identification Number)

Nomac Drilling Corporation

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1606317

(I.R.S. Employer Identification Number)

Chesapeake Mountain Front, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1238619

(I.R.S. Employer Identification Number)

Chesapeake ORC, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

71-0934234

(I.R.S. Employer Identification Number)

Sap Acquisition, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1622555

(I.R.S. Employer Identification Number)

Chesapeake-Staghorn Acquisition L.P.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1612854

(I.R.S. Employer Identification Number)

Chesapeake KNAN Acquisition, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

73-1300132

(I.R.S. Employer Identification Number)

Chesapeake ENO Acquisition, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

82-0553595

(I.R.S. Employer Identification Number)

Chesapeake South Texas Corp.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

41-2050649

(I.R.S. Employer Identification Number)

Chesapeake Focus, L.L.C.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

33-1021135

(I.R.S. Employer Identification Number)

Chesapeake Sigma, L.P.

(Exact Name of Registrant As Specified In Its Charter)

Oklahoma

(State or Other Jurisdiction of Incorporation or Organization)

27-0029884

(I.R.S. Employer Identification Number)

MC Mineral Company, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

61-1448831
(I.R.S. Employer Identification Number)

Oxley Petroleum Co.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1508537
(I.R.S. Employer Identification Number)

John C. Oxley, L.L.C.
(Exact Name of Registrant As Specified In Its Charter)

Oklahoma
(State or Other Jurisdiction of Incorporation or Organization)

73-1508539
(I.R.S. Employer Identification Number)

Each Registrant hereby amends this Registration Statement on such dates as may be necessary to delay its effective date until the Registrants shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the Registration Statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

\$500,000,000

Chesapeake Energy Corporation

Debt Securities
Preferred Stock
Depositary Shares
Common Stock

Guarantees of Debt Securities of Chesapeake Energy Corporation by:

The Ames Company, L.L.C.
Carmen Acquisition, L.L.C.
Chesapeake Acquisition, L.L.C.
Chesapeake Energy Louisiana Corporation
Chesapeake EP Corporation
Chesapeake Exploration Limited Partnership
Chesapeake Louisiana, L.P.
Chesapeake Operating, Inc.
Chesapeake Panhandle Limited Partnership
Chesapeake Royalty, L.L.C.
Gothic Energy, L.L.C.
Gothic Production, L.L.C.
Nomac Drilling Corporation
Chesapeake Mountain Front, L.L.C.
Chesapeake ORC, L.L.C.
Sap Acquisition, L.L.C.
Chesapeake-Staghorn Acquisition L.P.
Chesapeake KNAN Acquisition, L.L.C.
Chesapeake ENO Acquisition, L.L.C.
Chesapeake South Texas Corp.
Chesapeake Focus, L.L.C.
Chesapeake Sigma, L.P.
MC Mineral Company, L.L.C.
Oxley Petroleum Co.
John C. Oxley, L.L.C.

We may from time to time offer and sell common stock, preferred stock, depositary shares and debt securities that will be fully, irrevocably and unconditionally guaranteed by certain of our subsidiaries, The Ames Company, L.L.C., Carmen Acquisition, L.L.C., Chesapeake Acquisition, L.L.C., Chesapeake Energy Louisiana Corporation, Chesapeake EP Corporation, Chesapeake Exploration Limited Partnership, Chesapeake Louisiana, L.P., Chesapeake Operating, Inc., Chesapeake Panhandle Limited Partnership, Chesapeake Royalty, L.L.C., Gothic Energy, L.L.C., Gothic Production, L.L.C., Nomac Drilling Corporation, Chesapeake Mountain Front, L.L.C., Chesapeake ORC, L.L.C., Sap Acquisition, L.L.C., Chesapeake-Staghorn Acquisition L.P., Chesapeake KNAN Acquisition, L.L.C., Chesapeake ENO Acquisition, L.L.C., Chesapeake South Texas Corp., Chesapeake Focus, L.L.C., Chesapeake Sigma, L.P., MC Mineral Company, L.L.C., Oxley Petroleum Co. and John C. Oxley, L.L.C.

This prospectus provides you with a general description of the securities that may be offered. Each time securities are sold, we will provide one or more supplements to this prospectus that will contain additional information about the specific offering and the terms of the securities being offered. The supplements may also add, update or change information contained in this prospectus. You should carefully read this prospectus and any accompanying prospectus supplement before you invest in any of our securities.

Our common stock is listed for trading on the New York Stock Exchange under the symbol "CHK." Our executive offices are located at 6100 North Western Avenue, Oklahoma City, Oklahoma 73118, and our telephone number is (405) 848-8000.

INVESTING IN OUR SECURITIES INVOLVES RISKS. PLEASE READ CAREFULLY THE SECTION ENTITLED ["RISK FACTORS"](#) BEGINNING ON PAGE 2 OF THIS PROSPECTUS.

[Table of Contents](#)

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 _____, 2003.

TABLE OF CONTENTS

| | |
|--|----|
| ABOUT THIS PROSPECTUS | 1 |
| ABOUT CHESAPEAKE ENERGY CORPORATION | 1 |
| ABOUT THE SUBSIDIARY GUARANTORS | 1 |
| RISK FACTORS | 2 |
| WHERE YOU CAN FIND MORE INFORMATION | 11 |
| FORWARD LOOKING STATEMENTS | 11 |
| USE OF PROCEEDS | 13 |
| RATIOS OF EARNINGS TO FIXED CHARGES AND COMBINED FIXED CHARGES AND PREFERRED DIVIDENDS | 13 |
| DESCRIPTION OF DEBT SECURITIES | 14 |
| DESCRIPTION OF CAPITAL STOCK | 23 |
| DESCRIPTION OF DEPOSITARY SHARES | 33 |
| PLAN OF DISTRIBUTION | 35 |
| LEGAL MATTERS | 37 |
| EXPERTS | 37 |

You should rely only on the information included or incorporated by reference in this prospectus and any accompanying prospectus supplement. We have not authorized any dealer, salesman or other person to provide you with additional or different information. This prospectus and any accompanying prospectus supplement are not an offer to sell or the solicitation of an offer to buy any securities other than the securities to which they relate and are not an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make an offer or solicitation in that jurisdiction. You should not assume that the information in this prospectus or any accompanying prospectus supplement or in any document incorporated by reference in this prospectus or any accompanying prospectus supplement is accurate as of any date other than the date of the document containing the information.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, which we refer to as the “SEC,” using a “shelf” registration process. Under this shelf process, we may, over time, sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$500 million. This prospectus provides you with a general description of the securities we may offer pursuant to this prospectus. Each time we sell securities, we will provide one or more prospectus supplements that will contain specific information about the terms of that offering. This prospectus does not contain all of the information included in the registration statement. For a complete understanding of the offering of securities, you should refer to the registration statement relating to this prospectus, including its exhibits. A prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any accompanying prospectus supplement together with the additional information described under the heading “Where You Can Find More Information.”

ABOUT CHESAPEAKE ENERGY CORPORATION

We are among the ten largest independent natural gas producers in the United States in terms of natural gas produced. Headquartered in Oklahoma City, our operations are focused on 3-D seismic delineated exploratory drilling combined with developmental drilling and producing property acquisitions in the Mid-Continent region of the United States which includes Oklahoma, western Arkansas, southwestern Kansas and the Texas Panhandle. We have smaller operations in the Deep Giddings field in Texas, the Tuscaloosa Trend in Louisiana, the Permian Basin region of southeastern New Mexico and the Williston Basin of North Dakota and Montana.

Unless the context requires otherwise or unless otherwise noted, all references in this prospectus or any accompanying prospectus supplement to “Chesapeake,” “we,” “us” or “our” are to Chesapeake Energy Corporation and its subsidiaries.

ABOUT THE SUBSIDIARY GUARANTORS

The Ames Company, L.L.C., Carmen Acquisition, L.L.C., Chesapeake Acquisition, L.L.C., Chesapeake Energy Louisiana Corporation, Chesapeake EP Corporation, Chesapeake Exploration Limited Partnership, Chesapeake Louisiana, L.P., Chesapeake Operating, Inc., Chesapeake Panhandle Limited Partnership, Chesapeake Royalty, L.L.C., Gothic Energy, L.L.C., Gothic Production, L.L.C., Nomac Drilling Corporation, Chesapeake Mountain Front, L.L.C., Chesapeake ORC, L.L.C., Sap Acquisition, L.L.C., Chesapeake-Staghorn Acquisition L.P., Chesapeake KNAN Acquisition, L.L.C., Chesapeake ENO Acquisition, L.L.C., Chesapeake South Texas Corp., Chesapeake Focus, L.L.C., Chesapeake Sigma, L.P., MC Mineral Company, L.L.C., Oxley Petroleum Co. and John C. Oxley, L.L.C. constitute substantially all of our subsidiaries as of the date of this prospectus other than Chesapeake Energy Marketing, Inc., Mayfield Processing, L.L.C. and Midcon Compression, L.P. and, unless otherwise indicated in an accompanying prospectus supplement, each will jointly and severally, fully, irrevocably and unconditionally guarantee our payment obligations under any series of debt securities offered by this prospectus. We refer to these subsidiaries guarantors in this prospectus as the “Subsidiary Guarantors.” Financial information concerning our Subsidiary Guarantors and non-guarantor subsidiaries will be included in our consolidated financial statements filed as a part of our periodic reports filed pursuant to the Securities Exchange Act of 1934, as amended, to the extent required by the rules and regulations of the SEC.

RISK FACTORS

Your investment in our securities will involve risks. You should carefully consider, in addition to the other information contained in, or incorporated by reference into, this prospectus and any accompanying prospectus supplement, the risks described below before deciding whether an investment in our securities is appropriate for you.

Risks Related to Our Business

Oil and gas prices are volatile. A decline in prices could adversely affect our financial results, cash flows, access to capital and ability to grow.

Our revenues, operating results, profitability, future rate of growth and the carrying value of our oil and gas properties depend primarily upon the prices we receive for the oil and gas we sell. Prices also affect the amount of cash flow available for capital expenditures and our ability to borrow money or raise additional capital. The amount we can borrow from banks is subject to periodic redeterminations based on prices specified by our bank group at the time of redetermination. In addition, we may have ceiling test writedowns in the future if prices fall significantly.

Historically, the markets for oil and gas have been volatile and they are likely to continue to be volatile. Wide fluctuations in oil and gas prices may result from relatively minor changes in the supply of and demand for oil and natural gas, market uncertainty and other factors that are beyond our control, including:

- worldwide and domestic supplies of oil and gas;
- weather conditions;
- the level of consumer demand;
- the price and availability of alternative fuels;
- risks associated with owning and operating drilling rigs;
- the availability of pipeline capacity;
- the price and level of foreign imports;
- domestic and foreign governmental regulations and taxes;
- the ability of the members of the Organization of Petroleum Exporting Countries to agree to and maintain oil price and production controls;
- political instability or armed conflict in oil-producing regions; and
- the overall economic environment.

These factors and the volatility of the energy markets make it extremely difficult to predict future oil and gas price movements with any certainty. Declines in oil and gas prices would not only reduce revenue, but could reduce the amount of oil and gas that we can produce economically and, as a result, could have a material adverse effect on our financial condition, results of operations and reserves. Further, oil and gas prices do not necessarily move in tandem. Because approximately 91% of our proved reserves are currently natural gas reserves, we are more affected by movements in natural gas prices.

[Table of Contents](#)

Our level of indebtedness and preferred stock may adversely affect operations and limit our growth, and we may have difficulty making debt service and preferred stock dividend payments on our indebtedness and preferred stock as such payments become due.

As of June 30, 2003, we had \$2.01 billion in aggregate principal amount of long-term indebtedness outstanding, \$26 million of which was secured indebtedness, plus preferred stock outstanding having an aggregate liquidation preference of \$379.9 million. Our long-term indebtedness represented 57% of our total book capitalization at June 30, 2003.

Our level of indebtedness and preferred stock affects our operations in several ways, including the following:

- a significant portion of our cash flows must be used to service our indebtedness, and our business may not generate sufficient cash flows from operations to enable us to continue to meet our obligations under our indebtedness and our stated dividends on our preferred stock;
- a high level of debt increases our vulnerability to general adverse economic and industry conditions;
- the covenants contained in the agreements governing our outstanding indebtedness limit our ability to borrow additional funds, dispose of assets, pay dividends and make certain investments;
- our debt covenants may also affect our flexibility in planning for, and reacting to, changes in the economy and in our industry and the rights and preferences applicable to our preferred stock may limit our ability to pay dividends on our common stock; and
- a high level of debt and preferred stock may impair our ability to obtain additional financing in the future for working capital, capital expenditures, acquisitions, general corporate or other purposes.

We may incur additional debt, including significant secured indebtedness, or issue additional series of preferred stock, in order to make future acquisitions or to develop our properties. A higher level of indebtedness increases the risk that we may default on our debt obligations, including debt securities issued pursuant to this prospectus. Our ability to meet our debt obligations and to reduce our level of indebtedness depends on our future performance. General economic conditions, oil and gas prices and financial, business and other factors affect our operations and our future performance. Many of these factors are beyond our control. We may not be able to generate sufficient cash flow to pay the interest on our debt, and future working capital, borrowings or equity financing may not be available to pay or refinance such debt. Factors that will affect our ability to raise cash through an offering of our capital stock or a refinancing of our debt include financial market conditions, the value of our assets and our performance at the time we need capital.

In addition, our bank borrowing base is subject to periodic redeterminations. We could be forced to repay a portion of our bank borrowings due to redeterminations of our borrowing base. If we are forced to do so, we may not have sufficient funds to make such repayments. If we do not have sufficient funds and are otherwise unable to negotiate renewals of our borrowings or arrange new financing, we may have to sell significant assets. Any such sale could have a material adverse effect on our business and financial results.

Competition in the oil and natural gas industry is intense, and many of our competitors have greater financial and other resources than we do.

We operate in the highly competitive areas of oil and natural gas acquisition, development, exploitation, exploration and production. We face intense competition from both major and other independent oil and natural gas companies in each of the following areas:

- seeking to acquire desirable producing properties or new leases for future exploration; and

[Table of Contents](#)

- seeking to acquire the equipment and expertise necessary to develop and operate our properties.

Many of our competitors have financial and other resources substantially greater than ours, and some of them are fully integrated oil companies. These companies may be able to pay more for development prospects and productive oil and natural gas properties and may be able to define, evaluate, bid for and purchase a greater number of properties and prospects than our financial or human resources permit. Our ability to develop and exploit our oil and natural gas properties and to acquire additional properties in the future will depend upon our ability to successfully conduct operations, evaluate and select suitable properties and consummate transactions in this highly competitive environment.

Our commodity price risk management transactions may expose us to the risk of financial loss.

In order to manage our exposure to price volatility in marketing our oil and gas, we enter into oil and gas price risk management arrangements for a portion of our expected production. Commodity price risk management transactions may limit the prices we actually realize and we may experience reductions in oil and gas revenues from our commodity price risk management activities in the future. In addition, our commodity price risk management transactions may expose us to the risk of financial loss in certain circumstances, including instances in which:

- our production is less than expected;
- there is a widening of price differentials between delivery points for our production and the delivery point assumed in the hedge arrangement; or
- the counterparties to our contracts fail to perform under the contracts.

Some of our commodity price and interest rate risk management arrangements require us to deliver cash collateral or other assurances of performance to the counterparties in the event that our payment obligations with respect to our risk management transactions exceed certain levels. As of June 30, 2003, we were required to post \$23.0 million of collateral through letters of credit issued under our bank credit facility. Future collateral requirements are uncertain and will depend on arrangements with our counterparties and highly volatile natural gas and oil prices.

The actual quantities and present value of our proved reserves may prove to be lower than we have estimated.

This prospectus and the documents incorporated by reference in this prospectus contain estimates of our proved reserves and the estimated future net revenues from our proved reserves as well as estimates relating to our recent acquisitions. These estimates are based upon various assumptions, including assumptions required by the SEC relating to oil and gas prices, drilling and operating expenses, capital expenditures, taxes and availability of funds. The process of estimating oil and gas reserves is complex. The process involves significant decisions and assumptions in the evaluation of available geological, geophysical, engineering and economic data for each reservoir. Therefore, these estimates are inherently imprecise.

Actual future production, oil and gas prices, revenues, taxes, development expenditures, operating expenses and quantities of recoverable oil and gas reserves most likely will vary from these estimates. Such variations may be significant and could materially affect the estimated quantities and present value of our proved reserves. In addition, we may adjust estimates of proved reserves to reflect production history, results of exploration and development drilling, prevailing oil and gas prices and other factors, many of which are beyond our control. Our properties may also be susceptible to hydrocarbon drainage from production by operators on adjacent properties.

At December 31, 2002 approximately 26% by volume of our estimated proved reserves were undeveloped. Recovery of undeveloped reserves requires significant capital expenditures and successful drilling operations. The estimates of these reserves include the assumption that we will make significant capital expenditures to develop the reserves, including \$248 million in 2003. You should be aware that the estimated costs may not be accurate, development may not occur as scheduled and the results may not be as estimated.

[Table of Contents](#)

You should not assume that the present values referred to in the documents incorporated by reference in this prospectus represent the current market value of our estimated oil and gas reserves. In accordance with SEC requirements, the estimates of our present values are based on prices and costs as of the date of the estimates. The December 31, 2002 present value is based on weighted average oil and gas prices of \$30.18 per barrel of oil and \$4.28 per mcf of natural gas. Actual future prices and costs may be materially higher or lower than the prices and costs as of the date of an estimate.

Any changes in consumption by oil and gas purchasers or in governmental regulations or taxation will also affect actual future net cash flows.

The timing of both the production and the expenses from the development and production of oil and gas properties will affect both the timing of actual future net cash flows from our proved reserves and their present value. In addition, the 10% discount factor, which is required by the SEC to be used in calculating discounted future net cash flows for reporting purposes, is not necessarily the most accurate discount factor. The effective interest rate at various times and the risks associated with our business or the oil and gas industry in general will affect the accuracy of the 10% discount factor.

We may not have funds sufficient to make the significant capital expenditures required to replace our reserves.

Our exploration, development and acquisition activities require substantial capital expenditures. Historically, we have funded our capital expenditures through a combination of cash flows from operations, our bank credit facility and debt and equity issuances. Future cash flows are subject to a number of variables, such as the level of production from existing wells, prices of oil and gas, and our success in developing and producing new reserves. If revenue were to decrease as a result of lower oil and gas prices or decreased production, and our access to capital were limited, we would have a reduced ability to replace our reserves. If our cash flow from operations is not sufficient to fund our capital expenditure budget, we may not be able to access additional bank debt, debt or equity or other methods of financing to meet these requirements.

Reserve estimates of properties acquired in 2003 have not been prepared by independent petroleum engineers. Our internal estimates may not be as reliable as estimates of those reserves by independent engineers.

Our estimates of proved reserves attributed to our 2003 acquisitions incorporated by reference in this prospectus have not been reviewed or reported on by independent petroleum engineers. These estimates were prepared by our own engineers and professionals using criteria otherwise in compliance with SEC rules. Furthermore, our internal reserve estimates for these acquisitions are based upon data available to us which may not be as complete as data available on our other properties. Oil and gas pricing can affect estimates of quantities of proved reserves due to the impact of pricing on ultimate economic recovery. Estimates prepared by independent engineers might be different than our internal estimates.

If we are not able to replace reserves, we may not be able to sustain production.

Our future success depends largely upon our ability to find, develop or acquire additional oil and gas reserves that are economically recoverable. Unless we replace the reserves we produce through successful development, exploration or acquisition, our proved reserves will decline over time. In addition, approximately 26% by volume of our total estimated proved reserves at December 31, 2002 were undeveloped. By their nature, estimates of undeveloped reserves are less certain. Recovery of such reserves will require significant capital expenditures and successful drilling operations. We may not be able to successfully find and produce reserves economically in the future. In addition, we may not be able to acquire proved reserves at acceptable costs.

Acquisitions may prove to be worth less than we paid because of uncertainties in evaluating recoverable reserves and potential liabilities.

Our recent growth is due in part to acquisitions of exploration and production companies and producing properties. We expect acquisitions will also contribute to our future growth. Successful acquisitions require an assessment of a number of factors, many of which are beyond our control. These factors include recoverable

Table of Contents

reserves, exploration potential, future oil and gas prices, operating costs and potential environmental and other liabilities. Such assessments are inexact and their accuracy is inherently uncertain. In connection with our assessments, we perform a review of the acquired properties. However, such a review will not reveal all existing or potential problems. In addition, our review may not permit us to become sufficiently familiar with the properties to fully assess their deficiencies and capabilities. We do not inspect every well. Even when we inspect a well, we do not always discover structural, subsurface and environmental problems that may exist or arise. Our review prior to signing a definitive purchase agreement may be even more limited. For example, based on our knowledge of the properties and in exchange for concessions in the negotiations for the El Paso acquisition, we elected to forego most due diligence review including environmental site inspections prior to signing a definitive agreement which contains limited remedies against the seller.

We are generally not entitled to contractual indemnification for preclosing liabilities, including environmental liabilities, on acquisitions, including our recent El Paso and Vintage acquisitions. Normally, we acquire interests in properties on an “as is” basis with limited remedies for breaches of representations and warranties. We could incur significant unknown liabilities, including environmental liabilities, or experience losses due to title defects, in our recent acquisitions for which we have limited or no contractual remedies or insurance coverage.

In addition, competition for producing oil and gas properties is intense and many of our competitors have financial and other resources that are substantially greater than those available to us. Therefore, we may not be able to acquire oil and gas properties that contain economically recoverable reserves or be able to complete such acquisitions on acceptable terms.

Additionally, significant acquisitions can change the nature of our operations and business depending upon the character of the acquired properties, which may have substantially different operating and geological characteristics or be in different geographic locations than our existing properties. For example, we might decide to pursue acquisitions or properties located in geographic regions other than the Mid-Continent region. To the extent that such acquired properties are substantially different than our existing properties, our ability to efficiently realize the economic benefits of such transactions may be limited.

Future price declines may result in a write-down of our asset carrying values.

We utilize the full cost method of accounting for costs related to our oil and gas properties. Under this method, all such costs (productive and nonproductive) are capitalized and amortized on an aggregate basis over the estimated lives of the properties using the units-of-production method. These capitalized costs are subject to a ceiling test, however, which limits such pooled costs to the aggregate of the present value of future net revenues attributable to proved oil and gas reserves discounted at 10% plus the lower of cost or market value of unproved properties. The full cost ceiling is evaluated at the end of each quarter utilizing the prices for oil and gas at that date. A significant decline in oil and gas prices from current levels, or other factors, without other mitigating circumstances, could cause a future write-down of capitalized costs and a non-cash charge against future earnings.

Oil and gas drilling and producing operations are hazardous and expose us to environmental liabilities.

Oil and gas operations are subject to many risks, including well blowouts, cratering and explosions, pipe failure, fires, formations with abnormal pressures, uncontrollable flows of oil, natural gas, brine or well fluids, and other environmental hazards and risks. Our drilling operations involve risks from high pressures and from mechanical difficulties such as stuck pipes, collapsed casings and separated cables. If any of these risks occurs, we could sustain substantial losses as a result of:

- injury or loss of life;
- severe damage to or destruction of property, natural resources and equipment;
- pollution or other environmental damage;

Table of Contents

- clean-up responsibilities;
- regulatory investigations and penalties; and
- suspension of operations.

Our liability for environmental hazards includes those created either by the previous owners of properties that we purchase or lease or by acquired companies prior to the date we acquire them. We maintain insurance against some, but not all, of the risks described above. Our insurance may not be adequate to cover casualty losses or liabilities. Also, in the future we may not be able to obtain insurance at premium levels that justify its purchase.

Exploration and development drilling may not result in commercially productive reserves.

We do not always encounter commercially productive reservoirs through our drilling operations. The new wells we drill or participate in may not be productive and we may not recover all or any portion of our investment in wells we drill or participate in. The seismic data and other technologies we use do not allow us to know conclusively prior to drilling a well that oil or gas is present or may be produced economically. The cost of drilling, completing and operating a well is often uncertain, and cost factors can adversely affect the economics of a project. Our efforts will be unprofitable if we drill dry wells or wells that are productive but do not produce enough reserves to return a profit after drilling, operating and other costs. Further, our drilling operations may be curtailed, delayed or canceled as a result of a variety of factors, including:

- unexpected drilling conditions;
- title problems;
- pressure or irregularities in formations;
- equipment failures or accidents;
- adverse weather conditions;
- compliance with environmental and other governmental requirements; and
- cost of, or shortages or delays in the availability of, drilling rigs and equipment.

The loss of key personnel could adversely affect our ability to operate.

We depend, and will continue to depend in the foreseeable future, on the services of our officers and key employees with extensive experience and expertise in evaluating and analyzing producing oil and gas properties and drilling prospects, maximizing production from oil and gas properties, marketing oil and gas production, and developing and executing financing and hedging strategies. Our ability to retain our officers and key employees is important to our continued success and growth. The unexpected loss of the services of one or more of these individuals could have a detrimental effect on our business. We do not maintain key person life insurance on any of our personnel.

Lower oil and gas prices could negatively impact our ability to borrow.

Our current bank credit facility limits our borrowings to a borrowing base of \$350 million as of the date of this prospectus. The borrowing base is determined periodically at the discretion of a majority of the banks and is based in part on oil and gas prices. Additionally, some of our indentures contain covenants limiting our ability to incur indebtedness in addition to that incurred under our bank credit facility. These indentures limit our ability to incur additional indebtedness unless we meet one of two alternative tests. The first alternative is based on a percentage of our adjusted consolidated net tangible assets, which is determined using discounted future net

Table of Contents

revenues from proved oil and gas reserves as of the end of each year. As of the date of this prospectus, we cannot incur additional indebtedness under this first alternative of the debt incurrence test. The second alternative is based on the ratio of our adjusted consolidated EBITDA (as defined in the agreement) to our adjusted consolidated interest expense over a trailing twelve-month period. As of the date of this prospectus, we are permitted to incur significant additional indebtedness under this second alternative of the debt incurrence test. Lower oil and gas prices in the future could reduce our adjusted consolidated EBITDA (as defined in the agreement), as well as our adjusted consolidated net tangible assets, and thus could reduce our ability to incur additional indebtedness.

Our oil and gas marketing activities may expose us to claims from royalty owners.

In addition to marketing our own oil and gas production, our marketing activities include marketing oil and gas production for working interest owners and royalty owners in the wells that we operate. These activities include the operation of gathering systems and the sale of oil and natural gas under various arrangements. Royalty owners have commenced litigation against a number of companies in the oil and gas production business claiming that amounts paid for production attributable to the royalty owners' interest violated the terms of the applicable leases and state law, that deductions from the proceeds of oil and gas production were unauthorized under the applicable leases and that amounts received by upstream sellers should be used to compute the amounts paid to the royalty owners. Chesapeake presently is a defendant in four such cases commenced as class action suits. As new cases are decided and the law in this area continues to develop, our liability relating to the marketing of oil and gas may increase.

Risks Related to Our Capital Stock

We may not be able to pay cash dividends on our capital stock.

We are required to pay all declared dividends on our preferred stock in cash. Our existing indentures limit, and any indentures and other financing agreements that we enter into in the future will likely limit, our ability to pay cash dividends on our capital stock. Specifically, under our existing indentures, we may pay cash dividends and make other distributions on or in respect of our capital stock, including our preferred and common stock, only if certain financial tests are met.

Under Oklahoma law, cash dividends on capital stock may only be paid from "surplus" or, if there is no "surplus," from the corporation's net profits for the then current or the preceding fiscal year. Unless we continue to operate profitably, our ability to pay cash dividends on our capital stock would require the availability of adequate "surplus," which is defined as the excess, if any, of our net assets (total assets less total liabilities) over our capital. Further, even if adequate surplus is available to pay cash dividends on the preferred stock and common stock (if declared), we may not have sufficient cash to pay dividends on our preferred stock or common stock, as the case may be.

Our certificate of incorporation, bylaws, the Oklahoma General Corporation Act and our shareholder rights agreement contain provisions that could discourage an acquisition or change of control of our company.

Our shareholder rights agreement and the Oklahoma Business Combination Statute, together with certain provisions of our certificate of incorporation and bylaws, may make it more difficult to effect a change in control of our company, to acquire us or to replace incumbent management. These provisions could potentially deprive our stockholders of opportunities to sell shares of our stock at above-market prices. Please read "Description of Capital Stock—Anti-Takeover Provisions."

Risks Related to Debt Securities

If an active trading market does not develop for a series of debt securities sold pursuant to this prospectus, you may be unable to sell any such debt securities or to sell any such debt securities at a price that you deem sufficient.

Unless otherwise specified in an accompanying prospectus supplement, any debt securities sold pursuant to this prospectus will be new securities for which there currently is no established trading market. We may not list

Table of Contents

any debt securities sold pursuant to this prospectus on a national securities exchange. While the underwriters of a particular offering of debt securities may advise us that they intend to make a market in those debt securities, the underwriters will not be obligated to do so and may stop their market making at any time. No assurance can be given:

- that a market for any series of debt securities will develop or continue;
- as to the liquidity of any market that does develop; or
- as to your ability to sell any debt securities you may own or the price at which you may be able to sell your debt securities.

A guarantee of debt securities could be voided if the guarantors fraudulently transferred their guarantees at the time they incurred the indebtedness, which could result in the holders of debt securities being able to rely on only Chesapeake Energy Corporation to satisfy claims.

Any series of debt securities issued pursuant to this prospectus will be fully, irrevocably and unconditionally guaranteed by the Subsidiary Guarantors. However, under U.S. bankruptcy law and comparable provisions of state fraudulent transfer laws, such a guarantee can be voided, or claims under a guarantee may be subordinated to all other debts of that guarantor if, among other things, the guarantor, at the time it incurred the indebtedness evidenced by its guarantee:

- intended to hinder, delay or defraud any present or future creditor or received less than reasonably equivalent value or fair consideration for the incurrence of the guarantee;
- was insolvent or rendered insolvent by reason of such incurrence;
- was engaged in a business or transaction for which the guarantor's remaining assets constituted unreasonably small capital; or
- intended to incur, or believed that it would incur, debts beyond its ability to pay those debts as they mature.

In addition, any payment by that guarantor under a guarantee could be voided and required to be returned to the guarantor or to a fund for the benefit of the creditors of the guarantor.

The measures of insolvency for purposes of fraudulent transfer laws vary depending upon the governing law. Generally, a guarantor would be considered insolvent if:

- the sum of its debts, including contingent liabilities, was greater than the fair saleable value of all of its assets;
- the present fair saleable value of its assets was less than the amount that would be required to pay its probable liability on its existing debts, including contingent liabilities, as they became absolute and mature; or
- it could not pay its debts as they became due.

Holders of any debt securities sold pursuant to this prospectus will be effectively subordinated to all of our and the Subsidiary Guarantors' secured indebtedness and to all liabilities of our non-guarantor subsidiaries.

Holders of our secured indebtedness, including the indebtedness under our credit facilities, have claims with respect to our assets constituting collateral for their indebtedness that are prior to the claims of any debt securities sold pursuant to this prospectus. In the event of a default on such debt securities or our bankruptcy, liquidation or reorganization, those assets would be available to satisfy obligations with respect to the indebtedness secured thereby before any payment could be made on debt securities sold pursuant to this prospectus. Accordingly, the secured indebtedness would effectively be senior to such series of debt securities to the extent of the value of the

[Table of Contents](#)

collateral securing the indebtedness. To the extent the value of the collateral is not sufficient to satisfy the secured indebtedness, the holders of that indebtedness would be entitled to share with the holders of the debt securities issued pursuant to this prospectus and the holders of other claims against us with respect to our other assets.

In addition, the Subsidiary Guarantors do not constitute all of our subsidiaries and any series of debt securities issued and sold pursuant to this prospectus will not be guaranteed by all of our subsidiaries, and our non-guarantor subsidiaries will be permitted to incur additional indebtedness under the indenture. As a result, holders of such debt securities will be effectively subordinated to claims of third party creditors, including holders of indebtedness, and preferred shareholders of these non-guarantor subsidiaries. Claims of those other creditors, including trade creditors, secured creditors, governmental taxing authorities, holders of indebtedness or guarantees issued by the non-guarantor subsidiaries and preferred shareholders of the non-guarantor subsidiaries, will generally have priority as to the assets of the non-guarantor subsidiaries over our claims and equity interests. As a result, holders of our indebtedness, including the holders of the debt securities sold pursuant to this prospectus, will be effectively subordinated to all those claims.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports and other information with the SEC. You may inspect and copy such material at the public reference facilities maintained by the SEC at 450 Fifth Street, N.W., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for more information on the public reference room. You can also find our SEC filings at the SEC's website at www.sec.gov and on our website at www.chkenegy.com. Information contained on our website is not part of this prospectus.

In addition, our reports and other information concerning us can be inspected at the New York Stock Exchange, 20 Broad Street, New York, New York 10005, where our common stock is listed.

The following documents we filed with the SEC pursuant to the Exchange Act are incorporated herein by reference:

- our amended annual report on Form 10-K/A for the fiscal year ended December 31, 2002;
- our quarterly report on Form 10-Q for the quarter ended March 31, 2003;
- our amended quarterly report on Form 10-Q/A for the quarter ended June 30, 2003; and
- our current reports on Form 8-K filed on January 10, 2003, February 4, 2003, February 28, 2003, March 4, 2003, March 14, 2003, March 19, 2003, April 29, 2003, June 6, 2003, June 25, 2003, September 22, 2003 and October 7, 2003 (excluding any information furnished pursuant to Item 9 or Item 12 on any such current report on Form 8-K).

All documents filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (excluding any information furnished pursuant to Item 9 or Item 12 on any current report on Form 8-K) subsequent to the date of this filing and prior to the termination of this offering shall be deemed to be incorporated in this prospectus and to be a part hereof from the date of the filing of such document. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for all purposes to the extent that a statement contained in this prospectus, or in any other subsequently filed document which is also incorporated or deemed to be incorporated by reference, modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide without charge to each person to whom this prospectus is delivered, upon written or oral request of such person, a copy of any or all documents incorporated by reference in this prospectus. Requests for such copies should be directed to Jennifer M. Grigsby, Secretary, Chesapeake Energy Corporation, 6100 North Western Avenue, Oklahoma City, Oklahoma 73118, by mail, or if by telephone at (405) 848-8000.

FORWARD LOOKING STATEMENTS

This prospectus includes and incorporates by reference "forward-looking statements" within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Forward-looking statements give our current expectations or forecasts of future events. They include statements regarding oil and gas reserve estimates, planned capital expenditures, the drilling of oil and gas wells and future acquisitions, the impact of the El Paso, ONEOK and Vintage acquisitions, expected oil and gas production, cash flow and anticipated liquidity, business strategy and other plans and objectives for future operations, expected future expenses and utilization of net operating loss carryforwards. Statements concerning the fair values of derivative contracts and their estimated contribution to our future results of operations are based upon market information as of a specific date. These market prices are subject to significant volatility.

Although we believe the expectations and forecasts reflected in these and other forward-looking statements are reasonable, we can give no assurance they will prove to have been correct. They can be affected by inaccurate assumptions or by known or unknown risks and uncertainties. Factors that could cause actual results to differ materially from expected results are described under "Risk Factors" and include:

Table of Contents

- the volatility of oil and gas prices;
- our substantial indebtedness;
- the cost and availability of drilling and production services;
- our commodity price risk management activities, including counterparty contract performance risk;
- uncertainties inherent in estimating quantities of oil and gas reserves, projecting future rates of production and the timing of development expenditures;
- our ability to replace reserves;
- the availability of capital;
- uncertainties in evaluating oil and gas reserves of acquired properties and associated potential liabilities;
- future oil and gas price declines which could result in a write-down of our asset carrying values;
- drilling and operating risks;
- our ability to generate future income sufficient to utilize our federal and state income tax net operating loss (NOL) carryforwards before expiration;
- future ownership changes which could result in additional limitations to our NOLs;
- adverse effects of governmental and environmental regulation;
- losses possible from pending or future litigation; and
- the loss of officers or key employees.

We caution you not to place undue reliance on these forward-looking statements, which speak only as of the date of this prospectus or as of the date of the report or document in which they are contained, and we undertake no obligation to update such information. We urge you to carefully review and consider the disclosures made in this prospectus and our reports filed with the SEC and incorporated by reference herein that attempt to advise interested parties of the risks and factors that may affect our business.

USE OF PROCEEDS

Except as may otherwise be described in an accompanying prospectus supplement, the net proceeds from the sale of the securities offered pursuant to this prospectus and any accompanying prospectus supplement will be used for general corporate purposes. Any specific allocation of the net proceeds of an offering of securities to a specific purpose will be determined at the time of the offering and will be described in an accompanying prospectus supplement.

RATIOS OF EARNINGS TO FIXED CHARGES AND COMBINED FIXED CHARGES AND PREFERRED DIVIDENDS

For purposes of determining the ratios of earnings to fixed charges and combined fixed charges and preferred dividends, earnings are defined as net income (loss) before income taxes, extraordinary items, amortization of capitalized interest and fixed charges, less capitalized interest. Fixed charges consist of interest (whether expensed or capitalized), and amortization of debt expenses and discount or premium relating to any indebtedness. Preferred dividends consist of preferred stock dividends “grossed up” to reflect the pre-tax amount.

| | Year Ended December 31, | | | | | Six Months Ended June 30, 2003 |
|---|-------------------------|------|------|------|------|--|
| | 1998 | 1999 | 2000 | 2001 | 2002 | |
| Ratio of earnings to fixed charges | (a) | 1.4x | 3.1x | 4.4x | 1.5x | 4.0x |
| Ratio of earnings to combined fixed charges and preferred dividends | (b) | 1.1x | 2.8x | 4.2x | 1.3x | 3.3x |

(a) Earnings for such year were insufficient to cover fixed charges by approximately \$915 million.

(b) Earnings for such year were insufficient to cover combined fixed charges and preferred dividends by approximately \$927 million.

DESCRIPTION OF DEBT SECURITIES

We will issue our debt securities under an indenture, among us, as issuer, The Bank of New York, as Trustee, and the Subsidiary Guarantors. The debt securities will be governed by the provisions of the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939. We, the Trustee and the Subsidiary Guarantors may enter into supplements to the Indenture from time to time.

This description is a summary of the material provisions of the debt securities and the Indenture. We urge you to read the form of the Indenture filed as an exhibit to the registration statement of which this prospectus is a part because the Indenture, and not this description, govern your rights as a holder of debt securities.

General

The Debt Securities. Any series of debt securities that we issue:

- will be our general obligations; and
- will be general obligations of the Subsidiary Guarantors.

The Indenture does not limit the total amount of debt securities that we may issue. We may issue debt securities under the Indenture from time to time in separate series, up to the aggregate amount authorized for each such series.

We will prepare a prospectus supplement and either an indenture supplement or a resolution of our board of directors and an accompanying officers' certificate relating to any series of debt securities that we offer, which will include specific terms relating to some or all of the following:

- the form and title of the debt securities;
- the total principal amount of the debt securities;
- the date or dates on which the debt securities may be issued;
- the portion of the principal amount which will be payable if the maturity of the debt securities is accelerated;
- any right we may have to defer payments of interest by extending the dates payments are due and whether interest on those deferred amounts will be payable;
- the dates on which the principal and premium, if any, of the debt securities will be payable;
- the interest rate which the debt securities will bear and the interest payment dates for the debt securities;
- any optional redemption provisions;
- any sinking fund or other provisions that would obligate us to repurchase or otherwise redeem the debt securities;
- whether the debt securities are entitled to the benefits of any guarantees by the Subsidiary Guarantors;
- any changes to or additional Events of Default;

[Table of Contents](#)

- any affirmative or negative covenants relating to such series, including, without limitation, financial and other covenants that restrict our and our Restricted Subsidiaries' ability to:
 - incur additional indebtedness;
 - pay dividends on our capital stock or redeem, repurchase or retire our capital stock or subordinated indebtedness;
 - make investments and other restricted payments;
 - create restrictions on the payment of dividends or other amounts to us from our Restricted Subsidiaries;
 - incur liens;
 - engage in transactions with affiliates;
 - sell assets;
 - consolidate, merge or transfer assets; and
 - designate a Restricted Subsidiary as an Unrestricted Subsidiary; and
- any other terms of the debt securities.

This description of debt securities will be deemed modified, amended or supplemented by any description of any series of debt securities set forth in a prospectus supplement related to that series.

The prospectus supplement will also describe any material United States federal income tax consequences or other special considerations regarding the applicable series of debt securities, including those relating to:

- debt securities with respect to which payments of principal, premium or interest are determined with reference to an index or formula, including changes in prices of particular securities, currencies or commodities;
- debt securities with respect to which principal, premium or interest is payable in a foreign or composite currency;
- debt securities that are issued at a discount below their stated principal amount, bearing no interest or interest at a rate that at the time of issuance is below market rates; and
- variable rate debt securities that are exchangeable for fixed rate debt securities.

At our option, we may make interest payments by check mailed to the registered holders of debt securities or, if so stated in the applicable prospectus supplement, at the option of a holder by wire transfer to an account designated by the holder.

Unless otherwise provided in the applicable prospectus supplement, fully registered securities may be transferred or exchanged at the office of the Trustee at which its corporate trust business is principally administered in the United States, subject to the limitations provided in the Indenture, without the payment of any service charge, other than any applicable tax or governmental charge.

Table of Contents

Any funds we pay to a paying agent for the payment of amounts due on any debt securities that remain unclaimed for two years will be returned to us, and the holders of the debt securities must look only to us for payment after that time.

The Subsidiary Guarantees. The Subsidiary Guarantors, which currently constitute all of our subsidiaries other than Chesapeake Energy Marketing, Inc. and its subsidiaries Mayfield Processing, L.L.C. and Midcon Compression, L.P., will fully and unconditionally guarantee, on a joint and several basis, our obligations to pay principal of, premium, if any, and interest on any series of debt securities. Each entity that becomes a Restricted Subsidiary after the date of original issuance of any series of debt securities will guarantee the payment of such series.

Unless otherwise indicated in an accompanying prospectus supplement, “Restricted Subsidiary” means any subsidiary of our company other than an Unrestricted Subsidiary. Unless otherwise indicated in an accompanying prospectus supplement relating to a particular series of debt securities, our board of directors may designate any Unrestricted Subsidiary to be a Restricted Subsidiary.

Unless otherwise indicated in an accompanying prospectus supplement, “Unrestricted Subsidiary” means:

- (a) Chesapeake Energy Marketing, Inc. until it is designated as a Restricted Subsidiary;
- (b) any subsidiary of an Unrestricted Subsidiary; and
- (c) any subsidiary of our company or of a Restricted Subsidiary that is designated as an Unrestricted Subsidiary by a resolution adopted by our board of directors.

The obligations of each Subsidiary Guarantor under its guarantee will be limited as necessary to prevent that guarantee from constituting a fraudulent conveyance or fraudulent transfer under federal, state or foreign law. Each Subsidiary Guarantor that makes a payment or distribution under a guarantee shall be entitled to a contribution from each other Subsidiary Guarantor in a pro rata amount based on the respective net assets of each Subsidiary Guarantor at the time of such payment determined in accordance with GAAP.

If a guarantee were rendered voidable, it could be subordinated by a court to all other indebtedness (including guarantees and other contingent liabilities) of the applicable Subsidiary Guarantor, and, depending on the amount of such indebtedness, a Subsidiary Guarantor’s liability on its guarantee could be reduced to zero. See “Risk Factors—Risks Related to Debt Securities—A guarantee of debt securities could be voided if the guarantors fraudulently transferred their guarantees at the time they incurred the indebtedness, which could result in the holders of debt securities being able to rely on only Chesapeake Energy Corporation to satisfy claims.”

Unless otherwise indicated in an accompanying prospectus supplement and subject to the next paragraph, no Subsidiary Guarantor may consolidate or merge with or into (whether or not such Subsidiary Guarantor is the surviving entity) another entity unless:

- the entity formed by or surviving any such consolidation or merger (if other than such Subsidiary Guarantor) assumes all the obligations of such Subsidiary Guarantor under the Indenture and the Debt Securities pursuant to a supplemental indenture, in a form reasonably satisfactory to the Trustee; and
- immediately after such transaction, no Default or Event of Default exists.

The preceding does not prohibit a merger between Subsidiary Guarantors or a merger between our company and a Subsidiary Guarantor.

In the event of a sale or other disposition of all or substantially all of the assets of any Subsidiary Guarantor, or a sale or other disposition of all the capital stock of such Subsidiary Guarantor, in any case whether by way of merger, consolidation or otherwise, or a Subsidiary Guarantor otherwise ceases to be a Subsidiary Guarantor,

[Table of Contents](#)

then the person acquiring the assets (in the event of a sale or other disposition, by way of such a merger, consolidation or otherwise, of all or substantially all of the assets of such Subsidiary Guarantor) or such Subsidiary Guarantor (in any other event) will be released and relieved of any obligations under its guarantee.

Covenants

Reports. The Indenture contains the following covenant for the benefit of the holders of all series of debt securities:

Notwithstanding that we may not be required to remain subject to the reporting requirements of Section 13 or 15(d) of the Exchange Act, we will file with the SEC and provide the Trustee and holders of Debt Securities with annual reports and such information, documents and other reports specified in Sections 13 and 15(d) of the Exchange Act.

A series of debt securities may provide for other covenants applicable to us and our subsidiaries. A description of any such affirmative and negative covenants will be contained in a prospectus supplement applicable to such series.

Events of Default, Remedies and Notice

Events of Default. Unless otherwise indicated in an accompanying prospectus supplement, each of the following events will be an “Event of Default” under the Indenture with respect to a series of debt securities:

- default in any payment of interest on any debt securities of that series when due that continues for 30 days;
- default in the payment of principal of or premium, if any, on any debt securities of that series when due at its stated maturity, upon redemption, upon required repurchase or otherwise;
- default in the payment of any sinking fund payment, if any, on any debt securities of that series when due;
- failure by us or by a Subsidiary Guarantor to comply for 60 days after notice with the other agreements contained in the Indenture, any supplement to the Indenture or any board resolution authorizing the issuance of that series;
- certain events of bankruptcy, insolvency or reorganization of us or of the Subsidiary Guarantors;
- any of the guarantees by the Subsidiary Guarantors ceases to be in full force and effect, except as otherwise provided in the Indenture;
- any of the guarantees by the Subsidiary Guarantors is declared null and void in a judicial proceeding; or
- any Subsidiary Guarantor denies or disaffirms its obligations under the Indenture or its guarantee.

Exercise of Remedies. If an Event of Default, other than an Event of Default described in the fifth bullet point above, occurs and is continuing, the Trustee or the holders of at least 25% in principal amount of the outstanding debt securities of that series may declare the entire principal of, premium, if any, and accrued and unpaid interest, if any, on all the debt securities of that series to be due and payable immediately.

A default under the fourth bullet point above will not constitute an Event of Default until the Trustee or the holders of 25% in principal amount of the outstanding debt securities of that series notify us and the Subsidiary Guarantors of the default and such default is not cured within 60 days after receipt of notice.

[Table of Contents](#)

If an Event of Default described in the fifth bullet point above occurs and is continuing, the principal of, premium, if any, and accrued and unpaid interest on all outstanding debt securities of all series will become immediately due and payable without any declaration of acceleration or other act on the part of the Trustee or any holders.

The holders of a majority in principal amount of the outstanding debt securities of a series may:

- waive all past defaults, except with respect to nonpayment of principal, premium or interest or any other provision of the Indenture that cannot be amended without the consent of each holder that is affected; and
- rescind any declaration of acceleration by the Trustee or the holders with respect to the debt securities of that series, but only if:
 - rescinding the declaration of acceleration would not conflict with any judgment or decree of a court of competent jurisdiction; and
 - all existing Events of Default have been cured or waived, other than the nonpayment of principal, premium or interest on the debt securities of that series that have become due solely by the declaration of acceleration.

If an Event of Default occurs and is continuing, the Trustee will be under no obligation, except as otherwise provided in the Indenture, to exercise any of the rights or powers under the Indenture at the request or direction of any of the holders unless such holders have offered to the Trustee reasonable indemnity or security against any costs, liability or expense. No holder may pursue any remedy with respect to the Indenture or the debt securities of any series, except to enforce the right to receive payment of principal, premium or interest when due, unless:

- such holder has previously given the Trustee notice that an Event of Default with respect to that series is continuing;
- holders of at least 25% in principal amount of the outstanding debt securities of that series have requested that the Trustee pursue the remedy;
- such holders have offered the Trustee reasonable indemnity or security against any cost, liability or expense;
- the Trustee has not complied with such request within 60 days after the receipt of the request and the offer of indemnity or security; and
- the holders of a majority in principal amount of the outstanding debt securities of that series have not given the Trustee a direction that, in the opinion of the Trustee, is inconsistent with such request within such 60-day period.

The holders of a majority in principal amount of the outstanding debt securities of a series have the right, subject to certain restrictions, to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee or of exercising any right or power conferred on the Trustee with respect to that series of debt securities. The Trustee, however, may refuse to follow any direction that:

- conflicts with law;
- is inconsistent with any provision of the Indenture;
- the Trustee determines is unduly prejudicial to the rights of any other holder; or

Table of Contents

- would involve the Trustee in personal liability.

Notice of Events of Default. Upon the occurrence of an Event of Default, we are required to give written notice to the Trustee and indicate the status of the default and what action we are taking or propose to take to cure the default. In addition, we are required to deliver to the Trustee, within 90 days after the end of each fiscal year, a compliance certificate indicating that we have complied with all covenants contained in the Indenture or whether any default or Event of Default has occurred during the previous year.

If an Event of Default occurs and is continuing and is known to the Trustee, the Trustee must mail to each holder a notice of the Event of Default by the later of 90 days after the Event of Default occurs or 30 days after the Trustee knows of the Event of Default. Except in the case of a default in the payment of principal, premium or interest with respect to any debt securities, the Trustee may withhold such notice, but only if and so long as the board of directors, the executive committee or a committee of directors or responsible officers of the Trustee in good faith determines that withholding such notice is in the interests of the holders.

Amendments and Waivers. We may amend the Indenture without the consent of any holder of debt securities to:

- cure any ambiguity, omission, defect or inconsistency;
- convey, transfer, assign, mortgage or pledge any property to or with the Trustee;
- provide for the assumption by a successor of our obligations under the Indenture;
- add Subsidiary Guarantors with respect to the debt securities;
- evidence the removal of a Subsidiary Guarantor with respect to the debt securities as permitted by the Indenture and as described under “—The Subsidiary Guarantees” or an accompanying prospectus supplement;
- secure the debt securities;
- add covenants for the benefit of the holders or surrender any right or power conferred upon us or any Subsidiary Guarantor;
- make any change that does not adversely affect the rights of any holder;
- add or appoint a successor or separate Trustee; or
- comply with any requirement of the SEC in connection with the qualification of the Indenture under the Trust Indenture Act.

In addition, we may amend the Indenture if the holders of a majority in principal amount of all debt securities of each series that would be affected then outstanding under the Indenture consent to it. We may not, however, without the consent of each holder of outstanding debt securities of each series that would be affected, amend the Indenture to:

- reduce the percentage in principal amount of debt securities of any series whose holders must consent to an amendment;
- reduce the rate of or extend the time for payment of interest on any debt securities;
- reduce the principal of or extend the stated maturity of any debt securities;

Table of Contents

- reduce the premium payable upon the redemption of any debt securities or change the time at which any debt securities may or shall be redeemed;
- make any debt securities payable in other than U.S. dollars;
- impair the right of any holder to receive payment of premium, principal or interest with respect to such holder's debt securities on or after the applicable due date;
- impair the right of any holder to institute suit for the enforcement of any payment with respect to such holder's debt securities;
- release any security that has been granted in respect of the debt securities;
- make any change to an amendment or waiver provision which requires each holder's consent;
- make any change in the waiver provisions; or
- release a Subsidiary Guarantor or modify such Subsidiary Guarantor's guarantee in any manner adverse to the holders other than as provided under "—The Subsidiary Guarantees."

The consent of the holders is not necessary under the Indenture to approve the particular form of any proposed amendment. It is sufficient if such consent approves the substance of the proposed amendment. After an amendment under the Indenture becomes effective, we are required to mail to all holders a notice briefly describing the amendment. The failure to give, or any defect in, such notice, however, will not impair or affect the validity of the amendment.

The holders of a majority in aggregate principal amount of the outstanding debt securities of each affected series, on behalf of all such holders, and subject to certain rights of the Trustee, may waive:

- compliance by us or a Subsidiary Guarantor with certain restrictive provisions of the Indenture; and
- any past default under the Indenture, subject to certain rights of the Trustee under the Indenture;

except that such majority of holders may not waive a default:

- in the payment of principal, premium or interest; or
- in respect of a provision that under the Indenture cannot be amended without the consent of all holders of the series of debt securities that are affected.

Defeasance. At any time, we may terminate, with respect to debt securities of a particular series, all our obligations under such series of debt securities and the Indenture, which we call a "legal defeasance." If we decide to make a legal defeasance, however, we may not terminate our obligations:

- relating to the defeasance trust;
- to register the transfer or exchange of the debt securities;
- to replace mutilated, destroyed, lost or stolen debt securities; or
- to maintain a registrar and paying agent in respect of the debt securities.

Table of Contents

If we exercise our legal defeasance option, any subsidiary guarantee will terminate with respect to that series of debt securities.

At any time we may also effect a “covenant defeasance,” which means we have elected to terminate our obligations under:

- covenants applicable to a series of debt securities and described in the prospectus supplement applicable to such series, other than as described in such prospectus supplement;
- the bankruptcy provisions with respect to the Subsidiary Guarantors, if any; and
- the guarantee provision described under “Events of Default” above with respect to a series of debt securities.

We may exercise our legal defeasance option notwithstanding our prior exercise of our covenant defeasance option. If we exercise our legal defeasance option, payment of the affected series of debt securities may not be accelerated because of an Event of Default with respect to that series. If we exercise our covenant defeasance option, payment of the affected series of debt securities may not be accelerated because of an Event of Default specified in the fourth, fifth (with respect only to a Subsidiary Guarantor) or sixth bullet points under “—Events of Default” above or an Event of Default that is added specifically for such series and described in a prospectus supplement.

In order to exercise either defeasance option, we must:

- irrevocably deposit in trust with the Trustee money or certain U.S. government obligations for the payment of principal, premium, if any, and interest on the series of debt securities to redemption or maturity, as the case may be;
- comply with certain other conditions, including that no default has occurred and is continuing after the deposit in trust; and
- deliver to the Trustee an opinion of counsel to the effect that holders of the series of debt securities will not recognize income, gain or loss for Federal income tax purposes as a result of such defeasance and will be subject to Federal income tax on the same amount and in the same manner and at the same times as would have been the case if such deposit and defeasance had not occurred. In the case of legal defeasance only, such opinion of counsel must be based on a ruling of the Internal Revenue Service or other change in applicable Federal income tax law.

Book Entry, Delivery and Form. We may issue debt securities of a series in the form of one or more global certificates deposited with a depository. We expect that The Depository Trust Company, New York, New York, or “DTC,” will act as depository. If we issue debt securities of a series in book-entry form, we will issue one or more global certificates that will be deposited with or on behalf of DTC and will not issue physical certificates to each holder. A global security may not be transferred unless it is exchanged in whole or in part for a certificated security, except that DTC, its nominees and their successors may transfer a global security as a whole to one another.

DTC will keep a computerized record of its participants, such as a broker, whose clients have purchased the debt securities. The participants will then keep records of their clients who purchased the debt securities. Beneficial interests in global securities will be shown on, and transfers of beneficial interests in global securities will be made only through, records maintained by DTC and its participants.

DTC advises us that it is:

- a limited-purpose trust company organized under the New York Banking Law;
- a “banking organization” within the meaning of the New York Banking Law;

Table of Contents

- a member of the United States Federal Reserve System;
- a “clearing corporation” within the meaning of the New York Uniform Commercial Code; and
- a “clearing agency” registered under the provisions of Section 17A of the Exchange Act.

DTC is owned by a number of its participants and by the New York Stock Exchange, Inc., The American Stock Exchange, Inc. and the National Association of Securities Dealers, Inc. The rules that apply to DTC and its participants are on file with the SEC.

DTC holds securities that its participants deposit with DTC. DTC also records the settlement among participants of securities transactions, such as transfers and pledges, in deposited securities through computerized records for participants’ accounts. This eliminates the need to exchange certificates. Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations.

We will wire principal, premium, if any, and interest payments due on the global securities to DTC’s nominee. We, the Trustee and any paying agent will treat DTC’s nominee as the owner of the global securities for all purposes. Accordingly, we, the Trustee and any paying agent will have no direct responsibility or liability to pay amounts due on the global securities to owners of beneficial interests in the global securities.

It is DTC’s current practice, upon receipt of any payment of principal, premium, if any, or interest, to credit participants’ accounts on the payment date according to their respective holdings of beneficial interests in the global securities as shown on DTC’s records. In addition, it is DTC’s current practice to assign any consenting or voting rights to participants, whose accounts are credited with debt securities on a record date, by using an omnibus proxy.

Payments by participants to owners of beneficial interests in the global securities, as well as voting by participants, will be governed by the customary practices between the participants and the owners of beneficial interests, as is the case with debt securities held for the account of customers registered in “street name.” Payments to holders of beneficial interests are the responsibility of the participants and not of DTC, the Trustee or us.

Beneficial interests in global securities will be exchangeable for certificated securities with the same terms in authorized denominations only if:

- DTC notifies us that it is unwilling or unable to continue as depository or if DTC ceases to be a clearing agency registered under applicable law and a successor depository is not appointed by us within 90 days; or
- we determine not to require all of the debt securities of a series to be represented by a global security and notify the Trustee of our decision.

The Trustee. The Bank of New York will be the Trustee under the Indenture. The Bank of New York also serves as trustee for our 7.875% Senior Notes due 2004, our 8.375% Senior Notes due 2008, our 8.125% Senior Notes due 2011, our 8.5% Senior Notes due 2012, our 9% Senior Notes due 2012, our 7.5% Senior Notes due 2013 and our 7.75% Senior Notes due 2015. We may also maintain banking and other commercial relationships with the Trustee and its affiliates in the ordinary course of business, and the Trustee may own our debt securities.

Governing Law. The Indenture and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

DESCRIPTION OF CAPITAL STOCK

Set forth below is a description of the material terms of our capital stock. However, this description is not complete and is qualified by reference to our certificate of incorporation (including our certificates of designation) and bylaws. Copies of our certificate of incorporation (including our certificates of designation) and bylaws are available from us upon request. These documents have also been filed with the SEC. Please read “Where You Can Find More Information.”

Authorized Capital Stock

Our authorized capital stock consists of 350,000,000 shares of common stock, par value \$.01 per share, and 10,000,000 shares of preferred stock, par value \$.01 per share, of which 250,000 shares are designated as Series A Junior Participating Preferred Stock, 2,998,000 shares are designated 6.75% Cumulative Convertible Preferred Stock and 4,600,000 shares are designated as 6.00% Cumulative Convertible Preferred Stock.

Common Stock

Holders of our common stock are entitled to one vote for each share held of record on all matters submitted to a vote of shareholders. Subject to preferences that may be applicable to any outstanding preferred stock, holders of our common stock are entitled to receive ratably such dividends as may be declared by the board of directors out of funds legally available for dividends. In the event of our liquidation or dissolution, holders of our common stock are entitled to share ratably in all assets remaining after payment of liabilities and the liquidation preference of any outstanding preferred stock.

Holders of our common stock have no preemptive rights and have no rights to convert their common stock into any other securities. All of the outstanding shares of common stock are duly authorized, validly issued, fully paid and nonassessable.

Preferred Stock

We have 2,152,000 shares of authorized preferred stock which are undesignated. Currently 2,998,000 shares of preferred stock are designated as 6.75% Cumulative Convertible Preferred Stock, all of which are currently outstanding, and 4,600,000 shares of preferred stock, which are designated as 6.00% Cumulative Convertible Preferred Stock, of which all are currently outstanding. Our board of directors has also authorized the issuance of up to 250,000 shares of Series A Junior Participating Preferred Stock in connection with the adoption of our shareholder rights plan in July 1998. None of these shares are currently outstanding. The Series A Preferred Stock is described below under “—Share Rights Plan.”

Our board of directors has the authority, without further shareholder approval, to issue shares of preferred stock from time to time in one or more series, with such voting powers or without voting powers, and with such designations, preferences and relative, participating, optional or other special rights, and qualifications, limitations or restrictions, as shall be set forth in the resolutions providing thereof.

While providing desirable flexibility for possible acquisitions and other corporate purposes, and eliminating delays associated with a shareholder vote on specific issuances, the issuance of preferred stock could adversely affect the voting power of holders of common stock, as well as dividend and liquidation payments on both common and preferred stock. It also could have the effect of delaying, deferring or preventing a change in control.

The prospectus supplement relating to an offering of preferred stock will specify the terms of any series of preferred stock offered by it including:

- the series, the number of shares offered and the liquidation value of the preferred stock;
- the price at which the preferred stock will be issued;

Table of Contents

- the dividend rate, the dates on which the dividends will be payable and other terms relating to the payment of dividends on the preferred stock;
- the liquidation preference of the preferred stock;
- whether the preferred stock is redeemable or subject to a sinking fund, and the terms of any such redemption or sinking fund;
- whether the preferred stock is convertible into or exchangeable for any other securities, and the terms of any such conversion or exchange; and
- any additional rights, preferences, qualifications, limitations or restrictions of the preferred stock.

The description of the terms of the preferred stock to be set forth in an applicable prospectus supplement will not be complete and will be subject to and qualified in its entirety by reference to the statement of resolution relating to the applicable series of preferred stock. The registration statement of which this prospectus forms a part will include the statement of resolution as an exhibit or incorporate it by reference.

Outstanding Cumulative Convertible Preferred Stock

General. We have two series of Convertible Preferred Stock outstanding, both with substantially similar terms: the 6.75% Cumulative Convertible Preferred Stock and the 6.00% Cumulative Convertible Preferred Stock. Where the terms of the two series of preferred stock are similar, we refer to both series of outstanding preferred stock as the “Convertible Preferred Stock.”

Ranking. Both series of Convertible Preferred Stock, with respect to dividend rights or rights upon the liquidation, winding-up or dissolution, rank:

- senior to all classes of our common stock and to the Series A Junior Participating Preferred Stock and each other class of capital stock or series of preferred stock established after the original issue date of the series of Convertible Preferred Stock (which we will refer to as the “Issue Date”) the terms of which do not expressly provide that such class or series ranks senior to or on a parity with the series of Convertible Preferred Stock as to dividend rights or rights upon our liquidation, winding-up or dissolution (which we will refer to collectively as “Junior Stock”);
- on a parity with each other and any class of capital stock or series of preferred stock established after the Issue Date the terms of which expressly provide that such class or series will rank on a parity with the series of Convertible Preferred Stock as to dividend rights or rights upon our liquidation, winding-up or dissolution (which we will refer to collectively as “Parity Stock”); and
- junior to each class of capital stock or series of preferred stock established after the Issue Date the terms of which expressly provide that such class or series will rank senior to the series of Convertible Preferred Stock as to dividend rights or rights upon our liquidation, winding-up or dissolution (which we will refer to collectively as “Senior Stock”).

While any shares of either series of our Convertible Preferred Stock are outstanding, we may not authorize, increase the authorized amount of, or issue any shares of, any class or series of Senior Stock (or any security convertible into Senior Stock) without the affirmative vote or consent of the holders of at least 66 ²/₃% of the outstanding shares each series of Convertible Preferred Stock voting separately as a class. Without the consent of any holder of Convertible Preferred Stock, however, we may authorize, increase the authorized amount of, or issue any shares of, any class or series of Parity Stock or Junior Stock. See “—Voting Rights” below.

Dividends. Holders of shares of 6.75% Cumulative Convertible Preferred Stock are entitled to receive, when, as and if declared by our board of directors out of funds legally available for payment, cumulative cash dividends at the rate per annum of 6.75% per share on the liquidation preference thereof of \$50 per share of

[Table of Contents](#)

Convertible Preferred Stock (equivalent to \$3.375 per annum per share). Dividends on the 6.75% Cumulative Convertible Preferred Stock are payable quarterly on February 15, May 15, August 15 and November 15 of each year at such annual rate, and accumulate from the most recent date as to which dividends have been paid or, if no dividends have been paid, from the Issue Date of the 6.75% Cumulative Convertible Preferred Stock, whether or not in any dividend period or periods there have been funds legally available for the payment of such dividends.

Holders of shares of 6.00% Cumulative Convertible Preferred Stock will be entitled to receive, when, as and if declared by the Board of Directors out of funds legally available for payment, cumulative cash dividends at the rate per annum of 6.00% per share on the liquidation preference thereof of \$50 per share of 6.00% Cumulative Convertible Preferred Stock (equivalent to \$3.00 per annum per share). Dividends on the 6.00% Cumulative Convertible Preferred Stock will be payable quarterly on March 15, June 15, September 15 and December 15 of each year at such annual rate, and shall accumulate from the most recent date as to which dividends shall have been paid or, if no dividends have been paid, from the Issue Date of the 6.00% Cumulative Convertible Preferred Stock, whether or not in any dividend period or periods there shall be funds legally available for the payment of such dividends.

Accumulations of dividends on shares of Convertible Preferred Stock do not bear interest. Dividends payable on the Convertible Preferred Stock for any period less than a full dividend period (based upon the number of days elapsed during the period) are computed on the basis of a 360-day year consisting of twelve 30-day months.

No dividends or other distributions (other than a dividend or distribution payable solely in shares of Parity Stock or Junior Stock (in the case of Parity Stock) or Junior Stock (in the case of Junior Stock) and cash in lieu of fractional shares) may be declared, made or paid, or set apart for payment upon, any Parity Stock or Junior Stock, nor may any Parity Stock or Junior Stock be redeemed, purchased or otherwise acquired for any consideration (or any money paid to or made available for a sinking fund for the redemption of any Parity Stock or Junior Stock) by us or on our behalf (except by conversion into or exchange for shares of Parity Stock or Junior Stock (in the case of Parity Stock) or Junior Stock (in the case of Junior Stock)) unless all accumulated and unpaid dividends have been or contemporaneously are declared and paid, or are declared and a sum sufficient for the payment thereof is set apart for such payment, on the Convertible Preferred Stock and any Parity Stock for all dividend payment periods terminating on or prior to the date of such declaration, payment, redemption, purchase or acquisition. Notwithstanding the foregoing, if full dividends have not been paid on the Convertible Preferred Stock and any Parity Stock, dividends may be declared and paid on the Convertible Preferred Stock and such Parity Stock so long as the dividends are declared and paid pro rata so that the amounts of dividends declared per share on the Convertible Preferred Stock and such Parity Stock will in all cases bear to each other the same ratio that accumulated and unpaid dividends per share on the shares of the Convertible Preferred Stock and such Parity Stock bear to each other. Holders of shares of the Convertible Preferred Stock are not entitled to any dividend, whether payable in cash, property or stock, in excess of full cumulative dividends.

Our ability to declare and pay cash dividends and make other distributions with respect to our capital stock, including the Convertible Preferred Stock, is limited by the terms of our outstanding indebtedness. In addition, our ability to declare and pay dividends may be limited by applicable Oklahoma law.

Liquidation Preference. In the event of our voluntary or involuntary liquidation, winding-up or dissolution, each holder of Convertible Preferred Stock will be entitled to receive and to be paid out of our assets available for distribution to our stockholders, before any payment or distribution is made to holders of Junior Stock (including common stock), a liquidation preference in the amount of \$50 per share of the Convertible Preferred Stock, plus accumulated and unpaid dividends thereon to the date fixed for liquidation, winding-up or dissolution. If, upon our voluntary or involuntary liquidation, winding-up or dissolution, the amounts payable with respect to the liquidation preference of the Convertible Preferred Stock and all Parity Stock are not paid in full, the holders of the Convertible Preferred Stock and the Parity Stock will share equally and ratably in any distribution of our assets in proportion to the full liquidation preference and accumulated and unpaid dividends to which they are entitled. After payment of the full amount of the liquidation preference and accumulated and unpaid dividends to which they are entitled, the holders of the Convertible Preferred Stock will have no right or claim to any of our remaining assets. Neither the sale of all or substantially all of our assets or business (other than in connection with the liquidation, winding-up or dissolution of its business), nor our merger or consolidation into or with any other person, will be deemed to be our voluntary or involuntary liquidation, winding-up or dissolution.

Table of Contents

The certificates of designation do not contain any provisions requiring funds to be set aside to protect the liquidation preference of the Convertible Preferred Stock even though it is substantially in excess of the par value thereof.

Voting Rights. The holders of the Convertible Preferred Stock have no voting rights except as set forth below or as otherwise required by Oklahoma law.

If dividends on a series of Convertible Preferred Stock are in arrears and unpaid for six or more quarterly periods (whether or not consecutive), the holders of the Convertible Preferred Stock, voting as a single class with any other preferred stock or preference securities having similar voting rights that are exercisable, will be entitled at our next regular or special meeting of stockholders to elect two additional directors to our board of directors unless our board is comprised of fewer than six directors at such time, in which case such holders will be entitled to elect one additional director. Upon the election of any additional directors, the number of directors that compose our board shall be increased by such number of additional directors. Such voting rights and the terms of the directors so elected will continue until such time as the dividend arrearage on the Convertible Preferred Stock has been paid in full.

In addition, the affirmative vote or consent of the holders of at least $66\frac{2}{3}\%$ of each series of outstanding Convertible Preferred Stock, voting separately as a class, is required for the issuance of any class or series of Senior Stock (or any security convertible into Senior Stock) and for amendments to our certificate of incorporation that would affect adversely the rights of holders of that series of Convertible Preferred Stock. The certificates of designation provide that the authorization of, the increase in the authorized amount of, or the issuance of any shares of any class or series of Parity Stock or Junior Stock does not require the consent of the holders of the Convertible Preferred Stock, and is not deemed to affect adversely the rights of the holders of the Convertible Preferred Stock.

In all cases in which the holders of Convertible Preferred Stock are entitled to vote, each share of Convertible Preferred Stock shall be entitled to one vote.

Conversion Rights. Each share of 6.75% Cumulative Convertible Preferred Stock is convertible at any time at the option of the holder thereof into 6.4935 shares of common stock (which was calculated using an initial conversion price of \$7.70 per share of common stock) subject to adjustment for certain dilutive events (we refer to such price or adjusted price applicable to a particular series of Convertible Preferred Stock as the "Conversion Price"). Each share of 6.00% Cumulative Convertible Preferred Stock is convertible at any time at the option of the holder thereof into 4.8605 shares of common stock (which is calculated using an initial conversion price of \$10.287 per share of common stock) subject to adjustment for certain dilutive events.

Mandatory Conversion. At any time on or after November 20, 2004 (with respect to the 6.75% Cumulative Convertible Preferred Stock) or any time on or after March 20, 2006 (with respect to the 6.00% Cumulative Convertible Preferred Stock), we may at our option cause the Convertible Preferred Stock to be automatically converted into that number of shares of common stock for each share of Convertible Preferred Stock equal to \$50.00 (the liquidation preference per share of Convertible Preferred Stock) divided by the then prevailing Conversion Price. We may exercise this right only if the closing price of our common stock equals or exceeds 130% of the then prevailing Conversion Price for at least 20 trading days in any consecutive 30-day trading period, including the last trading day of such 30-day period, ending on the trading day prior to our issuance of a press release announcing the mandatory conversion as described below.

We may not authorize, issue a press release or give notice of any mandatory conversion unless, prior to giving the conversion notice, all accumulated and unpaid dividends on such series of Convertible Preferred Stock for periods ended prior to the date of such conversion notice shall have been paid in cash.

In addition to the mandatory conversion provision described above, if there are less than 250,000 shares of a series of Convertible Preferred Stock outstanding, we may, at any time on or after November 20, 2006 (with respect to the 6.75% Cumulative Convertible Preferred Stock) or any time on or after March 20, 2008 (with respect to the 6.00% Cumulative Convertible Preferred Stock), at our option, cause such series of Convertible Preferred Stock to be automatically converted into that number of shares of common stock equal to \$50.00 (the liquidation preference per share of Convertible Preferred Stock) divided by the lesser of the then prevailing Conversion Price

Table of Contents

and the Market Value for the five trading day period ending on the second trading day immediately prior to the date set for conversion.

The term “Market Value” means the average closing price of the common stock for a five consecutive trading day period on the New York Stock Exchange (or such other national securities exchange or automated quotation system on which the common stock is then listed or authorized for quotation or, if not so listed or authorized for quotation, an amount determined in good faith by our board of directors to be the fair value of the common stock).

Change of Control. Except as provided below, upon a Change of Control (as defined below), holders of each series of Convertible Preferred Stock shall, in the event that the Market Value at such time is less than the Conversion Price applicable to such series, have a one-time option to convert all of their outstanding shares of Convertible Preferred Stock into shares of common stock at an adjusted Conversion Price equal to the greater of (i) the Market Value as of the Change of Control Date and (ii) \$4.0733 (with respect to the 6.75% Cumulative Convertible Preferred Stock) and \$5.47 (with respect to the 6.00% Cumulative Convertible Preferred Stock). This option shall be exercisable during a period of not less than 30 days nor more than 60 days commencing on the third business day after notice of the Change of Control is given by us in the manner specified in the certificates of designation. In lieu of issuing the shares of common stock issuable upon conversion in the event of a Change of Control, we may, at our option, make a cash payment equal to the Market Value for each share of such common stock otherwise issuable determined for the period ending on the Change of Control Date. Notwithstanding the foregoing, upon a Change of Control in which (x) each holder of our common stock receives consideration consisting solely of common stock of the successor, acquiror or other third party (and cash paid in lieu of fractional shares) that is listed on a national securities exchange or quoted on the NASDAQ National Market and (y) all our common stock has been exchanged for, converted into or acquired for common stock of the successor, acquiror or other third party (and cash in lieu of fractional shares), and the Convertible Preferred Stock becomes convertible solely into such common stock, the Conversion Price will not be adjusted as described in this paragraph.

The certificates of designation define “Change of Control” as any of the following events:

- the sale, lease or transfer, in one or a series of related transactions, of all or substantially all of our assets (determined on a consolidated basis) to any person or group (as such term is used in Section 13(d)(3) of the Exchange Act), other than to Permitted Holders (as defined below);
- the adoption of a plan the consummation of which would result in the liquidation or dissolution of our company;
- the acquisition, directly or indirectly, by any person or group (as such term is used in Section 13(d)(3) of the Exchange Act), other than Permitted Holders, of beneficial ownership (as defined in Rule 13d-3 under the Exchange Act) of more than 50% of our aggregate voting power of the voting stock; provided, however, that the Permitted Holders beneficially own (as defined in Rules 13d-3 and 13d-5 under the Exchange Act), directly or indirectly, in the aggregate a lesser percentage of the total voting power of our voting stock than such other person and do not have the right or ability by voting power, contract or otherwise to elect or designate for election a majority of the board of directors (for the purposes of this definition, such other person shall be deemed to beneficially own any voting stock of a specified corporation held by a parent corporation, if such other person is the beneficial owner (as defined above), directly or indirectly, of more than 35% of the voting power of the voting stock of such parent corporation and the Permitted Holders beneficially own (as defined in this proviso), directly or indirectly, in the aggregate a lesser percentage of the voting power of the voting stock of such parent corporation and do not have the right or ability by voting power, contract or otherwise to elect or designate for election a majority of our board of directors of such parent corporation); or
- during any period of two consecutive years, individuals who at the beginning of such period composed our board of directors (together with any new directors whose election by such board of directors or whose nomination for election by our shareholders was approved by a vote of 66 ²/₃%

[Table of Contents](#)

of our directors then still in office who were either directors at the beginning of such period or whose election or nomination for election was previously so approved) cease for any reason to constitute a majority of our board of directors then in office.

For purposes of the definition of “Change of Control,” the term “Permitted Holders” means Aubrey K. McClendon and Tom L. Ward and their respective Affiliates.

The phrase “all or substantially all” of the assets of our company is likely to be interpreted by reference to applicable state law at the relevant time, and will be dependent on the facts and circumstances existing at such time. As a result, there may be a degree of uncertainty in ascertaining whether a sale or transfer is of “all or substantially all” of our assets.

Anti-Takeover Provisions

Our certificate of incorporation and bylaws and the Oklahoma General Corporation Act include a number of provisions which may have the effect of encouraging persons considering unsolicited tender offers or other unilateral takeover proposals to negotiate with our board of directors rather than pursue non-negotiated takeover attempts. These provisions include a classified board of directors, authorized blank check preferred stock, restrictions on business combinations and the availability of authorized but unissued common stock.

Classified Board of Directors. Our certificate of incorporation and bylaws contain provisions for a staggered board of directors with only one-third of the board standing for election each year. Directors can only be removed for cause. A staggered board makes it more difficult for shareholders to change the majority of the directors.

Oklahoma Business Combination Statute. Section 1090.3 of the Oklahoma General Corporation Act prevents an “interested shareholder” from engaging in a “business combination” with an Oklahoma corporation for three years following the date the person became an interested shareholder, unless:

- prior to the date the person became an interested shareholder, the board of directors of the corporation approved the transaction in which the interested shareholder became an interested shareholder or approved the business combination;
- upon consummation of the transaction that resulted in the interested shareholder becoming an interested shareholder, the interested shareholder owns stock having at least 85% of all voting power of the corporation at the time the transaction commenced, excluding stock held by directors who are also officers of the corporation and stock held by certain employee stock plans; or
- on or subsequent to the date of the transaction in which the person became an interested shareholder, the business combination is approved by the board of directors of the corporation and authorized at a meeting of shareholders by the affirmative vote of the holders of two-thirds of all voting power not attributable to shares owned by the interested shareholder.

The statute defines a “business combination” to include:

- any merger or consolidation involving the corporation and an interested shareholder;
- any sale, lease, exchange, mortgage, pledge, transfer or other disposition to or with an interested shareholder of 10% or more of the assets of the corporation;
- subject to certain exceptions, any transaction which results in the issuance or transfer by the corporation of any stock of the corporation to an interested shareholder;

Table of Contents

- any transaction involving the corporation which has the effect of increasing the proportionate share of the stock of any class or series or voting power of the corporation owned by the interested shareholder;
- the receipt by an interested shareholder of any loans, guarantees, pledges or other financial benefits provided by or through the corporation; or
- any share acquisition by the interested shareholder pursuant to Section 1090.1 of the Oklahoma General Corporation Act.

For purposes of Section 1090.3, the term “corporation” also includes the corporation’s majority-owned subsidiaries.

In addition, Section 1090.3 defines an “interested shareholder,” generally, as any person that owns stock having 15% or more of all voting power of the corporation, any person that is an affiliate or associate of the corporation and owned stock having 15% or more of all voting power of the corporation at any time within the three-year period prior to the time of determination of interested shareholder status, and any affiliate or associate of such person.

Stock Purchase Provisions. Our certificate of incorporation includes a provision which requires the affirmative vote of two-thirds of the votes cast by the holders, voting together as a single class, of all then outstanding shares of capital stock, excluding the votes by an interested shareholder, to approve the purchase of any of our capital stock from the interested shareholder at a price in excess of fair market value, unless the purchase is either (1) made on the same terms offered to all holders of the same securities or (2) made on the open market and not the result of a privately negotiated transaction.

Share Rights Plan

The Rights. On July 7, 1998, our board of directors declared a dividend distribution of one preferred stock purchase right for each outstanding share of common stock. The distribution was paid on July 27, 1998 to the shareholders of record on that date. Each right entitles the registered holder to purchase from us one one-thousandth of a share of Series A Preferred Stock at a price of \$25.00, subject to adjustment.

The following is a summary of these rights. The full description and terms of the rights are set forth in a rights agreement with UMB Bank, N.A., as rights agent. Copies of the rights agreement and the certificate of designation for the Series A Preferred Stock are available free of charge. This summary description of the rights and the Series A Preferred Stock does not purport to be complete and is qualified in its entirety by reference to all the provisions of the rights agreement and the certificate of designation for the Series A Preferred Stock.

Initially, the rights attached to all certificates representing shares of our outstanding common stock, and no separate rights certificates were distributed. The rights will separate from our common stock and the distribution date will occur upon the earlier of:

- ten days following the date of public announcement that a person or group of persons has become an acquiring person; or
- ten business days (or a later date set by the board of directors prior to the time a person becomes an acquiring person) following the commencement of, or the announcement of an intention to make, a tender offer or exchange offer upon consummation of which the offeror would, if successful, become an acquiring person.

The earlier of these dates is called the distribution date.

The term “acquiring person” means any person who or which, together with all of its affiliates and associates, is the beneficial owner of 15% or more of our outstanding common stock, but does not include:

Table of Contents

- us or any of our subsidiaries or employee benefit plans;
- Aubrey K. McClendon, his spouse, lineal descendants and ascendants, heirs, executors or other legal representatives and any trusts established for the benefit of the foregoing or any other person or entity in which the foregoing persons or entities are at the time of determination the direct record and beneficial owners of all outstanding voting securities (each a “McClendon shareholder”);
- Tom L. Ward, his spouse, lineal descendants and ascendants, heirs, executors or other legal representatives and any trusts established for the benefit of the foregoing, or any other person or entity in which the foregoing persons or entities are at the time of determination the direct record and beneficial owners of all outstanding voting securities (each a “Ward shareholder”);
- Morgan Guaranty Trust Company of New York, in its capacity as pledgee of shares beneficially owned by a McClendon or Ward shareholder, or both, under any pledge agreement in effect on September 11, 1998, to the extent that upon the exercise by the pledgee of any of its rights or duties as pledgee, other than the exercise of any voting power by the pledgee or the acquisition of ownership by the pledgee, such pledgee becomes a beneficial owner of pledged shares; or
- any person (other than the pledgee just described) that is neither a McClendon nor Ward shareholder, but who or which is the beneficial owner of common stock beneficially owned by a McClendon or Ward shareholder (a “second tier shareholder”), but only if the shares of common stock otherwise beneficially owned by a second tier shareholder (“second tier holder shares”) do not exceed the sum of (A) the holder’s second tier holder shares held on September 11, 1998 and (B) 1% of the shares of our common stock then outstanding (collectively, “exempt persons”).

The rights agreement provides that, until the distribution date, the rights will be transferred with and only with the common stock. Until the distribution date (or earlier redemption or expiration of the rights), new common stock certificates issued after July 27, 1998, upon transfer or new issuance of common stock, will contain a notation incorporating the rights agreement by reference. Until the distribution date or earlier redemption or expiration of the rights, the surrender for transfer of any certificate for common stock, outstanding as of July 27, 1998, even without a notation or a copy of a summary of the rights being attached, will also constitute the transfer of the rights associated with the common stock represented by the certificate. As soon as practicable following the distribution date, separate certificates evidencing the rights will be mailed to holders of record of the common stock as of the close of business on the distribution date and these separate rights certificates alone will evidence the rights.

The rights are not exercisable until the distribution date. The rights will expire on July 27, 2008.

The purchase price payable, and the number of one one-thousandths of a share of Series A Preferred Stock or other securities or property issuable, upon exercise of the rights are subject to adjustment from time to time to prevent dilution:

- in the event of a stock dividend on, or a subdivision, combination or reclassification of, the Series A Preferred Stock;
- upon the grant to holders of the Series A Preferred Stock of certain rights or warrants to subscribe for or purchase shares of Series A Preferred Stock at a price, or securities convertible into Series A Preferred Stock with a conversion price, less than the then current market price of the Series A Preferred Stock; or
- upon the distribution to holders of the Series A Preferred Stock of evidences of indebtedness or assets (excluding regular periodic cash dividends paid or dividends payable in Series A Preferred Stock) or of subscription rights or warrants (other than those referred to above).

Table of Contents

The number of outstanding rights and the number of one one-thousandths of a share of Series A Preferred Stock issuable upon exercise of each right are also subject to adjustment in the event of a stock split of the common stock or a stock dividend on the common stock payable in the common stock or subdivisions, consolidations or combinations of the common stock occurring, in any such case, prior to the distribution date.

In the event that following the date of public announcement that a person has become an acquiring person, we are acquired in a merger or other business combination transaction or more than 50% of our consolidated assets or earning power is sold, proper provision will be made so that each holder of a right will thereafter have the right to receive, upon the exercise of the right at the then current exercise price of the right, that number of shares of common stock of the acquiring company which at the time of such transaction will have a market value of two times the exercise price of the right (the “flip-over right”).

In the event that a person, other than an exempt person, becomes an acquiring person, proper provision will be made so that each holder of a right, other than the acquiring person and its affiliates and associates, will thereafter have the right to receive upon exercise that number of shares of common stock, or, if applicable, cash, other equity securities or property of us, having a market value equal to two times the purchase price of the rights (the “flip-in right”). Any rights that are or were at any time owned by an acquiring person will then become void.

With certain exceptions, no adjustment in the purchase price will be required until cumulative adjustments require an adjustment of at least 1% in the purchase price. Upon exercise of the rights, no fractional shares of Series A Preferred Stock will be issued other than fractions which are integral multiples of one one-hundredth of a share of Series A Preferred Stock. Cash will be paid in lieu of fractional shares of Series A Preferred Stock that are not integral multiples of one one-hundredth of a share of Series A Preferred Stock.

At any time prior to the earlier to occur of (1) 5:00 p.m., Oklahoma City, Oklahoma time on the tenth day after the stock acquisition date or (2) the expiration of the rights, we may redeem the rights in whole, but not in part, at a price of \$0.01 per right; provided, that (a) if the board of directors authorizes redemption on or after the time a person becomes an acquiring person, then the authorization must be by board approval and (b) the period for redemption may, upon board approval, be extended by amending the rights agreement. Board approval means the approval of a majority of our directors. Immediately upon any redemption of the rights described in this paragraph, the right to exercise the rights will terminate and the only right of the holders of rights will be to receive the redemption price.

Our board of directors may amend the terms of the rights without the consent of the holders of the rights at any time and from time to time provided that any amendment does not adversely affect the interests of the holders of the rights. In addition, during any time that the rights are subject to redemption, the terms of the rights may be amended by the approval of a majority of the directors, including an amendment that adversely affects the interests of the holders of the rights, without the consent of the holders of rights.

Until a right is exercised, a holder will have no rights as a shareholder, including, without limitation, the right to vote or to receive dividends. While the distribution of the rights will not be taxable to us or our shareholders, shareholders may, depending upon the circumstances, recognize taxable income in the event that the rights become exercisable for Series A Preferred Stock, or other consideration.

The Series A Preferred Stock. Each one-thousandth of a share of the Series A Preferred Stock (a “preferred share fraction”) that may be acquired upon exercise of the rights will be nonredeemable and junior to any other shares of preferred stock that we may issue.

Each preferred share fraction will have a minimum preferential quarterly dividend rate of \$0.01 per preferred share fraction but will, in any event, be entitled to a dividend equal to the per share dividend declared on the common stock.

In the event of liquidation, the holder of a preferred share fraction will receive a preferred liquidation payment equal to the greater of \$0.01 per preferred share fraction or the per share amount paid in respect of a share of common stock.

[Table of Contents](#)

Each preferred share fraction will have one vote, voting together with the common stock. The holders of preferred share fractions, voting as a separate class, will be entitled to elect two directors if dividends on the Series A Preferred Stock are in arrears for six fiscal quarters.

In the event of any merger, consolidation or other transaction in which shares of common stock are exchanged, each preferred share fraction will be entitled to receive the per share amount paid in respect of each share of common stock.

The rights of holders of the Series A Preferred Stock to dividends, liquidation and voting, and in the event of mergers and consolidations, are protected by customary antidilution provisions.

Because of the nature of the Series A Preferred Stock's dividend, liquidation and voting rights, the economic value of one preferred share fraction that may be acquired upon the exercise of each right should approximate the economic value of one share of our common stock.

Shareholder Action

Except as otherwise provided by law or in our certificate of incorporation or bylaws, the approval by holders of a majority of the shares of common stock present in person or represented by proxy at a meeting and entitled to vote is sufficient to authorize, affirm, ratify or consent to a matter voted on by shareholders. Our bylaws provide that all questions submitted to shareholders will be decided by a plurality of the votes cast, unless otherwise required by law, our certificate of incorporation, stock exchange requirements or any certificate of designation. The Oklahoma General Corporation Act requires the approval of the holders of a majority of the outstanding stock entitled to vote for certain extraordinary corporate transactions, such as a merger, sale of substantially all assets, dissolution or amendment of the certificate of incorporation. Our certificate of incorporation provides for a vote of the holders of two-thirds of the issued and outstanding stock having voting power, voting as a single class, to amend, repeal or adopt any provision inconsistent with the provisions of the certificate of incorporation limiting director liability and stock purchases by us, and providing for staggered terms of directors and indemnity for directors. The same vote is also required for shareholders to amend, repeal or adopt any provision of our bylaws.

Under Oklahoma law, shareholders may take actions without the holding of a meeting by written consent or consents signed by the holders of a sufficient number of shares to approve the transaction had all of the outstanding shares of our capital stock entitled to vote thereon been present at a meeting. If shareholder action is taken by written consent, the rules and regulations of the SEC require us to send each shareholder entitled to vote on the matter, but whose consent was not solicited, an information statement containing information substantially similar to that which would have been contained in a proxy statement.

Transfer Agent and Registrar

UMB Bank, N.A. is the transfer agent and registrar for our common stock, our 6.75% Cumulative Convertible Preferred Stock and our 6.00% Cumulative Convertible Preferred Stock.

DESCRIPTION OF DEPOSITARY SHARES

General

We may offer fractional shares of preferred stock, rather than full shares of preferred stock. If we decide to offer fractional shares of preferred stock, we will issue receipts for depositary shares. Each depositary share will represent a fraction of a share of a particular series of preferred stock. The prospectus supplement will indicate that fraction. The shares of preferred stock represented by depositary shares will be deposited under a depositary agreement between us and a bank or trust company that meets certain requirements and is selected by us (the "Bank Depositary"). Each owner of a depositary share will be entitled to all the rights and preferences of the preferred stock represented by the depositary share. The depositary shares will be evidenced by depositary receipts issued pursuant to the depositary agreement. Depositary receipts will be distributed to those persons purchasing the fractional shares of preferred stock in accordance with the terms of the offering.

We have summarized selected provisions of a depositary agreement and the related depositary receipts. The summary is not complete. The forms of the deposit agreement and the depositary receipts relating to any particular issue of depositary shares will be filed with the SEC on a Current Report on Form 8-K prior to our offering of the depositary shares, and you should read such documents for provisions that may be important to you.

Dividends and Other Distributions

If we pay a cash distribution or dividend on a series of preferred stock represented by depositary shares, the Bank Depositary will distribute such dividends to the record holders of such depositary shares. If the distributions are in property other than cash, the Bank Depositary will distribute the property to the record holders of the depositary shares. If the Bank Depositary, however, determines that it is not feasible to make the distribution of property, the Bank Depositary may, with our approval, sell such property and distribute the net proceeds from such sale to the record holders of the depositary shares.

Redemption of Depositary Shares

If we redeem a series of preferred stock represented by depositary shares, the Bank Depositary will redeem the depositary shares from the proceeds received by the Bank Depositary in connection with the redemption. The redemption price per depositary share will equal the applicable fraction of the redemption price per share of the preferred stock. If fewer than all the depositary shares are redeemed, the depositary shares to be redeemed will be selected by lot or pro rata as the Bank Depositary may determine.

Voting the Preferred Stock

Upon receipt of notice of any meeting at which the holders of the preferred stock represented by depositary shares are entitled to vote, the Bank Depositary will mail the notice to the record holders of the depositary shares relating to such preferred stock. Each record holder of these depositary shares on the record date (which will be the same date as the record date for the preferred stock) may instruct the Bank Depositary as to how to vote the preferred stock represented by such holder's depositary shares. The Bank Depositary will endeavor, insofar as practicable, to vote the amount of the preferred stock represented by such depositary shares in accordance with such instructions, and we will take all action which the Bank Depositary deems necessary in order to enable the Bank Depositary to do so. The Bank Depositary will abstain from voting shares of the preferred stock to the extent it does not receive specific instructions from the holders of depositary shares representing such preferred stock.

Amendment and Termination of the Depositary Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the depositary agreement may be amended by agreement between the Bank Depositary and us. However, any amendment that materially and adversely alters the rights of the holders of depositary shares will not be effective unless such amendment has been approved by the holders of at least a majority of the depositary shares then outstanding. The depositary agreement may be terminated by the Bank Depositary or us only if (i) all outstanding depositary shares have been redeemed or (ii) there has been a final distribution in respect of the preferred stock in connection with any

[Table of Contents](#)

liquidation, dissolution or winding up of our company and such distribution has been distributed to the holders of depositary receipts.

Charges of Bank Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay charges of the Bank Depositary in connection with the initial deposit of the preferred stock and any redemption of the preferred stock. Holders of depositary receipts will pay other transfer and other taxes and governmental charges and any other charges, including a fee for the withdrawal of shares of preferred stock upon surrender of depositary receipts, as are expressly provided in the depositary agreement to be for their accounts.

Withdrawal of Preferred Stock

Upon surrender of depositary receipts at the principal office of the Bank Depositary, subject to the terms of the depositary agreement, the owner of the depositary shares may demand delivery of the number of whole shares of preferred stock and all money and other property, if any, represented by those depositary shares. Partial shares of preferred stock will not be issued. If the depositary receipts delivered by the holder evidence a number of depositary shares in excess of the number of depositary shares representing the number of whole shares of preferred stock to be withdrawn, the Bank Depositary will deliver to such holder at the same time a new depositary receipt evidencing the excess number of depositary shares. Holders of preferred stock thus withdrawn may not thereafter deposit those shares under the depositary agreement or receive depositary receipts evidencing depositary shares therefor.

Resignation and Removal of Bank Depositary

The Bank Depositary may resign at any time by delivering to us notice of its election to do so, and we may at any time remove the Bank Depositary. Any such resignation or removal will take effect upon the appointment of a successor Bank Depositary and its acceptance of such appointment. Such successor Bank Depositary must be appointed within 60 days after delivery of the notice of resignation or removal and must be a bank or trust company meeting the requirements of the depositary agreement.

PLAN OF DISTRIBUTION

Any of the securities being offered hereby may be sold in any one or more of the following ways from time to time:

- through agents;
- to or through underwriters;
- through dealers; or
- directly by us.

The distribution of the securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at market prices prevailing at the time of sale, at prices related to such prevailing market prices or at negotiated prices.

Offers to purchase securities may be solicited by agents designated by us from time to time. Any such agent involved in the offer or sale of the securities in respect of which this prospectus is delivered will be named, and any commissions payable by us to such agent will be set forth, in the applicable prospectus supplement. Unless otherwise indicated in such prospectus supplement, any such agent will be acting on a reasonable best efforts basis for the period of its appointment. Any such agent may be deemed to be an underwriter, as that term is defined in the Securities Act, of the securities so offered and sold. We may periodically engage agents or underwriters in connection with at-the-market offerings or negotiated transactions involving our common stock.

If securities are sold by means of an underwritten offering, we will execute an underwriting agreement with an underwriter or underwriters at the time an agreement for such sale is reached, and the names of the specific managing underwriter or underwriters, as well as any other underwriters, the respective amounts underwritten and the terms of the transaction, including commissions, discounts and any other compensation of the underwriters and dealers, if any, will be set forth in the applicable prospectus supplement which will be used by the underwriters to make resales of the securities in respect of which this prospectus is being delivered to the public. If underwriters are utilized in the sale of any securities in respect of which this prospectus is being delivered, such securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at fixed public offering prices or at varying prices determined by the underwriters at the time of sale. Securities may be offered to the public either through underwriting syndicates represented by managing underwriters or directly by one or more underwriters. If any underwriter or underwriters are utilized in the sale of securities, unless otherwise indicated in the applicable prospectus supplement, the underwriting agreement will provide that the obligations of the underwriters are subject to certain conditions precedent and that the underwriters with respect to a sale of such securities will be obligated to purchase all such securities if any are purchased.

We may grant to the underwriters options to purchase additional securities, to cover over-allotments, if any, at the price at which securities are first offered to the public (with additional underwriting commissions or discounts), as may be set forth in the prospectus supplement relating thereto. If we grant any over-allotment option, the terms of such over-allotment option will be set forth in the prospectus supplement for such securities.

If a dealer is utilized in the sale of the securities in respect of which this prospectus is delivered, we will sell such securities to the dealer as principal. The dealer may then resell such securities to the public at varying prices to be determined by such dealer at the time of resale. Any such dealer may be deemed to be an underwriter, as such term is defined in the Securities Act, of the securities so offered and sold. The name of the dealer and their terms of the transaction will be set forth in the prospectus supplement relating thereto.

Offers to purchase securities may be solicited directly by us and the sale thereof may be made by us directly to institutional investors or others, who may be deemed to be underwriters within the meaning of the

[Table of Contents](#)

Securities Act with respect to any resale thereof. The terms of any such sales will be described in the prospectus supplement relating thereto.

If so indicated in the applicable prospectus supplement, we may authorize agents and underwriters to solicit offers by certain institutions to purchase securities from us at the public offering price set forth in the applicable prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on the date or dates stated in the applicable prospectus supplement. Such delayed delivery contracts will be subject to only those conditions set forth in the applicable prospectus supplement. A commission indicated in the applicable prospectus supplement will be paid to underwriters and agents soliciting purchases of securities pursuant to delayed delivery contracts accepted by us.

Agents, underwriters and dealers may be entitled under relevant agreements with us to indemnification by us against certain liabilities, including liabilities under the Securities Act, or to contribution with respect to payments which such agents, underwriters and dealers may be required to make in respect thereof.

Each series of securities will be a new issue and, other than our common stock, which is listed on The New York Stock Exchange, will have no established trading market. We may elect to list any series of securities on an exchange, and in the case of common stock, on any additional exchange, but, unless otherwise specified in the applicable prospectus supplement, we shall not be obligated to do so. No assurance can be given as to the liquidity of the trading market for any of the securities.

Agents, underwriters and dealers may be customers of, engage in transactions with, or perform services for, us and our subsidiaries in the ordinary course of business.

LEGAL MATTERS

The validity of the debt securities, guarantees and depositary shares offered by this prospectus have been passed upon for us by Vinson & Elkins L.L.P. The validity of the preferred stock (including any preferred stock underlying any depositary shares) and the common stock (including any common stock issuable upon the conversion of any preferred stock) offered by this prospectus have been passed upon for us by Commercial Law Group, P.C. Legal counsel to any underwriters may pass upon legal matters for such underwriters.

Shannon T. Self, a shareholder in Commercial Law Group, P.C., is a director of Chesapeake, and he owns 104,992 shares of our common stock.

EXPERTS

The consolidated financial statements of Chesapeake Energy Corporation, incorporated in this prospectus by reference to the amended annual report on Form 10-K/A of Chesapeake Energy Corporation for the year ended December 31, 2002, have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

Certain estimates of proved oil and gas reserves for Chesapeake Energy Corporation referred to and incorporated by reference herein were based in part upon engineering reports prepared by Williamson Petroleum Consultants, Inc., Ryder Scott Company L.P., Netherland, Sewell & Associates, Inc. and Lee Keeling and Associates, Inc., independent petroleum engineers. These estimates are included and incorporated herein in reliance on the authority of each such firm as experts in such matters.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

The expenses of this offering (all of which are to be paid by the registrant) are estimated to be as follows:

| | |
|---|----------|
| Securities and Exchange Commission registration fee | \$29,027 |
| Legal fees and expenses | 40,000 |
| Accounting fees and expenses | 10,000 |
| Printing expenses | 5,000 |
| Miscellaneous | 4,000 |
| | <hr/> |
| TOTAL | \$88,027 |

Item 15. Indemnification Of Officers And Directors

Section 1031 of the Oklahoma General Corporation Act, under which Chesapeake is incorporated, authorizes the indemnification of directors and officers under certain circumstances. Article VIII of the Certificate of Incorporation of Chesapeake and Article VI of the Bylaws of Chesapeake also provide for indemnification of directors and officers under certain circumstances. These provisions, together with Chesapeake's indemnification obligations under individual indemnity agreements with its directors and officers, may be sufficiently broad to indemnify such persons for liabilities under the Securities Act of 1933 (the "Securities Act"), as amended. In addition, Chesapeake maintains insurance, which insures its directors and officers against certain liabilities.

The Oklahoma General Corporation Act provides for indemnification of each of Chesapeake's officers and directors against (a) expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by them in connection with any action, suit or proceeding brought by reason of such person being or having been a director, officer, employee or agent of Chesapeake, or of any other corporation, partnership, joint venture, trust or other enterprise at the request of Chesapeake, other than an action by or in the right of Chesapeake. To be entitled to indemnification, the individual must have acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interest of Chesapeake, and with respect to any criminal action, the person seeking indemnification had no reasonable cause to believe that the conduct was unlawful and (b) expenses, including attorneys' fees, actually and reasonably incurred in connection with the defense or settlement of any action or suit by or in the right of Chesapeake brought by reason of the person seeking indemnification being or having been a director, officer, employee or agent of Chesapeake, or any other corporation, partnership, joint venture, trust or other enterprise at the request of Chesapeake, provided the actions were in good faith and were reasonably believed to be in or not opposed to the best interest of Chesapeake, except that no indemnification shall be made in respect of any claim, issue or matter as to which the individual shall have been adjudged liable to Chesapeake, unless and only to the extent that the court in which such action was decided has determined that the person is fairly and reasonably entitled to indemnity for such expenses which the court deems proper. Article VIII of Chesapeake's Certificate of Incorporation provides for indemnification of Chesapeake's director and officers. The Oklahoma General Corporation Act also permits Chesapeake to purchase and maintain insurance on behalf of Chesapeake's directors and officers against any liability arising out of their status as such, whether or not Chesapeake would have the power to indemnify them against such liability. These provisions may be sufficiently broad to indemnify such persons for liabilities arising under the Securities Act.

Chesapeake has entered into indemnity agreements with each of its directors and executive officers. Under each indemnity agreement, Chesapeake will pay on behalf of the indemnitee any amount which he is or becomes legally obligated to pay because of (a) any claim or claims from time to time threatened or made against him by any person because of any act or omission or neglect or breach of duty, including any actual or alleged error or misstatement or misleading statement, which he commits or suffers while acting in his capacity as a director and/or officer of Chesapeake or an affiliate or (b) being a party, or being threatened to be made a party, to any threatened, pending or contemplated action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that he is or was an officer, director, employee or agent of Chesapeake or an affiliate or is or was

Table of Contents

serving at the request of Chesapeake as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise. The payments which Chesapeake would be obligated to make under an indemnification agreement could include damages, charges, judgments, fines, penalties, settlements and costs, cost of investigation and cost of defense of legal, equitable or criminal actions, claims or proceedings and appeals therefrom, and costs of attachment, supersedeas, bail, surety or other bonds. Chesapeake also provides liability insurance for each of its directors and executive officers.

Item 16. Exhibits

The following exhibits are filed herewith pursuant to the requirements of Item 601 of Regulation S-K:

| <u>Exhibit No.</u> | <u>Description</u> |
|--------------------|--|
| 1.1+ | Form of Underwriting Agreement. |
| 3.1 | Chesapeake's Restated Certificate of Incorporation together with Chesapeake's Certificate of Designation for the 6.75% Cumulative Convertible Preferred Stock, Certificate of Elimination for 2,000 shares of the 6.75% Cumulative Convertible Preferred Stock, Certificate of Designation for the Series A Junior Participating Preferred Stock and Certificate of Designation for the 6.00% Cumulative Convertible Preferred Stock. Incorporated herein by reference to Exhibit 3.1 to Chesapeake's registration statement on Form S-3 (File No. 333-104394) filed on April 4, 2003. |
| 3.2 | Chesapeake's Bylaws. Incorporated herein by reference to Exhibit 2 to Chesapeake's Form 8-A filed October 7, 2003. |
| 4.1* | Form of Indenture. |
| 4.2+ | Form of Debt Securities. |
| 4.3+ | Form of Depositary Agreement. |
| 4.4+ | Form of Depositary Receipt. |
| 4.5 | Rights Agreement dated as of July 15, 1998 between Chesapeake and UMB Bank, N.A., as rights agent. Incorporated herein by reference to Exhibit 1 to Chesapeake's registration statement on Form 8-A filed July 16, 1998. Amendment No. 1 dated September 11, 1998. Incorporated herein by reference to Exhibit 10.3 to Chesapeake's quarterly report on Form 10-Q for the quarter ended September 30, 1998. |
| 5.1* | Opinion of Vinson & Elkins L.L.P. regarding the validity of the securities being registered. |
| 5.2* | Opinion of Commercial Law Group, P.C. regarding the validity of the securities being registered. |
| 12.1 | Computation of Ratios of Earnings to Fixed Charges and Combined Fixed Charges and Preferred Dividends. Incorporated herein by reference to Exhibit 12 to Chesapeake's amended quarterly report on Form 10-Q/A for the quarter ended June 30, 2003. |
| 23.1* | Consent of PricewaterhouseCoopers LLP. |
| 23.2* | Consent of Williamson Petroleum Consultants, Inc. |
| 23.3* | Consent of Ryder Scott Company L.P. |
| 23.4* | Consent of Lee Keeling and Associates, Inc. |
| 23.5* | Consent of Netherland, Sewell & Associates, Inc. |
| 23.6* | Consent of Vinson & Elkins L.L.P. (included in Exhibit 5.1). |
| 23.7* | Consent of Commercial Law Group, P.C. (included in Exhibit 5.2). |
| 24.1* | Power of Attorney (included in the signature pages of this Registration Statement). |
| 25.1* | Statement of Eligibility on Form T-1 of The Bank of New York. |

* Filed herewith.

+ To be filed by amendment or as an exhibit to a current report on Form 8-K of the registrant.

Item 17. Undertakings

Each undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

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

(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 (1)(i) and (1)(ii) do not apply if information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by registrants pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

That, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the 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 of 1933 may be permitted to directors, officers and controlling persons of any registrant, we have been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by any registrant of expenses incurred or paid by a director, officer or controlling person of such 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, such 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.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City, State of Oklahoma on October 10, 2003.

CHESAPEAKE ENERGY CORPORATION

By: /s/ Aubrey K. McClendon

Aubrey K. McClendon
Chief Executive Officer

KNOW ALL MEN BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Aubrey K. McClendon and Marcus C. Rowland, and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all pre- and post- effective amendments to this Registration Statement (including any Registration Statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done 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, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof. Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons, in the capacities and on the date indicated.

| <u>Signature</u> | <u>Capacity</u> | <u>Date</u> |
|---|---|------------------|
| <u>/s/ Aubrey K. McClendon</u> Aubrey K. McClendon | Chairman of the Board, Chief Executive Officer and Director (Principal Executive Officer) | October 10, 2003 |
| <u>/s/ Tom L. Ward</u> Tom L. Ward | President, Chief Operating Officer and Director | October 10, 2003 |
| <u>/s/ Marcus C. Rowland</u> Marcus C. Rowland | Executive Vice President and Chief Financial Officer (Principal Financial Officer) | October 10, 2003 |
| <u>/s/ Michael A. Johnson</u> Michael A. Johnson | Senior Vice President—Accounting, Controller and Chief Accounting Officer (Principal Accounting Officer) | October 10, 2003 |
| <u>Frank Keating</u> | Director | October 10, 2003 |
| <u>/s/ Breene M. Kerr</u> Breene M. Kerr | Director | October 10, 2003 |
| <u>/s/ Charles T. Maxwell</u> Charles T. Maxwell | Director | October 10, 2003 |

[Table of Contents](#)

/s/ Shannon T. Self

Director

October 10, 2003

Shannon T. Self

Director

October 10, 2003

Frederick B. Whittemore

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, each Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City, State of Oklahoma on October 10, 2003.

CHESAPEAKE EP CORPORATION
 CHESAPEAKE SOUTH TEXAS CORP.
 CHESAPEAKE OPERATING, INC.
 NOMAC DRILLING CORPORATION
 OXLEY PETROLEUM CO.

By: /s/ Marcus C. Rowland

Name: Marcus C. Rowland

Title: Vice President

KNOW ALL MEN BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Aubrey K. McClendon and Marcus C. Rowland, and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all pre- and post- effective amendments to this Registration Statement (including any Registration Statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done 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, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof. Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons, in the capacities and on the date indicated.

| <u>Signature</u> | <u>Capacity</u> | <u>Date</u> |
|---|---|------------------|
| <u> /s/ Aubrey K. McClendon </u> Aubrey K. McClendon | President and Director (Principal Executive Officer) | October 10, 2003 |
| <u> /s/ Tom L. Ward </u> Tom L. Ward | Vice President and Director | October 10, 2003 |
| <u> /s/ Marcus C. Rowland </u> Marcus C. Rowland | Vice President (Principal Financial and Accounting Officer) | October 10, 2003 |

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, each Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City, State of Oklahoma on October 10, 2003.

THE AMES COMPANY, L.L.C.
 CARMEN ACQUISITION, L.L.C.
 CHESAPEAKE ACQUISITION, L.L.C.
 CHESAPEAKE ENO ACQUISITION, L.L.C.
 CHESAPEAKE FOCUS, L.L.C.
 CHESAPEAKE KNAN ACQUISITION, L.L.C.
 CHESAPEAKE MOUNTAIN FRONT, L.L.C.
 CHESAPEAKE ORC, L.L.C.
 CHESAPEAKE ROYALTY, L.L.C.
 GOTHIC ENERGY, L.L.C.
 GOTHIC PRODUCTION, L.L.C.
 SAP ACQUISITION, L.L.C.
 MC MINERAL COMPANY, L.L.C.
 JOHN C. OXLEY, L.L.C.

By: /s/ Marcus C. Rowland

Name: Marcus C. Rowland

Title: Vice President

KNOW ALL MEN BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Aubrey K. McClendon and Marcus C. Rowland, and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all pre- and post- effective amendments to this Registration Statement (including any Registration Statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done 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, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof. Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons, in the capacities and on the date indicated.

| <u>Signature</u> | <u>Capacity</u> | <u>Date</u> |
|---|--|-------------------------|
| <p style="text-align: center;">/s/ Aubrey K. McClendon</p> <hr/> <p style="text-align: center;">Aubrey K. McClendon</p> | <p>Chief Executive Officer and Manager (Principal Executive Officer)</p> | <p>October 10, 2003</p> |
| <p style="text-align: center;">/s/ Tom L. Ward</p> <hr/> <p style="text-align: center;">Tom L. Ward</p> | <p>President and Manager</p> | <p>October 10, 2003</p> |
| <p style="text-align: center;">/s/ Marcus C. Rowland</p> <hr/> <p style="text-align: center;">Marcus C. Rowland</p> | <p>Vice President (Principal Financial and Accounting Officer)</p> | <p>October 10, 2003</p> |

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, each Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City, State of Oklahoma on October 10, 2003.

CHESAPEAKE ENERGY LOUISIANA CORPORATION

By: /s/ Aubrey K. McClendon

Name: Aubrey K. McClendon
Title: Chief Executive Officer

KNOW ALL MEN BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Aubrey K. McClendon and Marcus C. Rowland, and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all pre- and post- effective amendments to this Registration Statement (including any Registration Statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done 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, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof. Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons, in the capacities and on the date indicated.

| <u>Signature</u> | <u>Capacity</u> | <u>Date</u> |
|---|---|------------------|
| <u> /s/ Aubrey K. McClendon </u> Aubrey K. McClendon | Chief Executive Officer and Director (Principal Executive Officer) | October 10, 2003 |
| <u> /s/ Tom L. Ward </u> Tom L. Ward | President, Chief Operating Officer and Director | October 10, 2003 |
| <u> /s/ Marcus C. Rowland </u> Marcus C. Rowland | Vice President – Finance (Principal Financial and Accounting Officer) | October 10, 2003 |

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, each Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Oklahoma City, State of Oklahoma on October 10, 2003.

CHESAPEAKE EXPLORATION LIMITED PARTNERSHIP
CHESAPEAKE LOUISIANA, L.P.
CHESAPEAKE PANHANDLE LIMITED PARTNERSHIP
CHESAPEAKE-STAGHORN ACQUISITION L.P.
CHESAPEAKE SIGMA, L.P.

By: Chesapeake Operating, Inc. as general partner of each entity listed above

By: /s/ Aubrey K. McClendon

Name: Aubrey K. McClendon
Title: Chief Executive Officer

KNOW ALL MEN BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Aubrey K. McClendon and Marcus C. Rowland, and each of them, either one of whom may act without joinder of the other, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all pre- and post- effective amendments to this Registration Statement (including any Registration Statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done 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, and each of them, or the substitute or substitutes of any or all of them, may lawfully do or cause to be done by virtue hereof. Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons, in the capacities and on the date indicated.

| <u>Signature</u> | <u>Capacity</u> | <u>Date</u> |
|---|---|------------------|
| <u> /s/ Aubrey K. McClendon </u> Aubrey K. McClendon | Chief Executive Officer and Director of Chesapeake Operating, Inc. (Principal Executive Officer) | October 10, 2003 |
| <u> /s/ Tom L. Ward </u> Tom L. Ward | President, Chief Operating Officer and Director of Chesapeake Operating, Inc. | October 10, 2003 |
| <u> /s/ Marcus C. Rowland </u> Marcus C. Rowland | Executive Vice President – Finance and Chief Financial Officer of Chesapeake Operating, Inc. (Principal Financial and Accounting Officer) | October 10, 2003 |

[FORM OF SENIOR INDENTURE]

=====

CHESAPEAKE ENERGY CORPORATION

AS ISSUER,

[-----]

AS SUBSIDIARY GUARANTORS,

AND

THE BANK OF NEW YORK,
A NEW YORK BANKING CORPORATION

AS TRUSTEE

INDENTURE

DATED AS OF _____

DEBT SECURITIES

=====

CROSS-REFERENCE TABLE

| TIA SECTION | INDENTURE SECTION |
|------------------------------|-------------------|
| 310 (a)..... | 7.10 |
| (b)..... | 7.10 |
| (c)..... | N.A. |
| 311 (a)..... | 7.11 |
| (b)..... | 7.11 |
| (c)..... | N.A. |
| 312 (a)..... | 5.01 |
| (b)..... | 5.02 |
| (c)..... | 5.02 |
| 313 (a)..... | 5.03 |
| (b)..... | 5.03 |
| (c)..... | 13.03 |
| (d)..... | 5.03 |
| 314 (a)..... | 4.05 |
| (b)..... | N.A. |
| (c)(1)..... | 13.05 |
| (c)(2)..... | 13.05 |
| (c)(3)..... | N.A. |
| (d)..... | N.A. |
| (e)..... | 13.05 |
| (f)..... | N.A. |
| 315 (a)..... | 7.01 |
| (b)..... | 6.07 & 13.03 |
| (c)..... | 7.01 |
| (d)..... | 7.01 |
| (e)..... | 6.08 |
| 316 (a) (last sentence)..... | 1.01 |
| (a)(1)(A)..... | 6.06 |
| (a)(1)(B)..... | 6.06 |
| (a)(2)..... | 9.01(d) |
| (b)..... | 6.04 |
| (c)..... | 5.04 |
| 317 (a)(1)..... | 6.02 |
| (a)(2)..... | 6.02 |
| (b)..... | 4.04 |
| 318 (a)..... | 13.07 |

N.A. means Not Applicable

NOTE: This Cross-Reference table shall not, for any purpose, be deemed part of this Indenture.

TABLE OF CONTENTS

Page

ARTICLE I
DEFINITIONS AND INCORPORATION BY REFERENCE

| | | |
|---------------|--|---|
| Section 1.01. | Definitions..... | 2 |
| Section 1.02. | Other Definitions..... | 7 |
| Section 1.03. | Incorporation by Reference of Trust Indenture Act..... | 7 |
| Section 1.04. | Rules of Construction..... | 7 |

ARTICLE II
DEBT SECURITIES

| | | |
|---------------|---|----|
| Section 2.01. | Forms Generally..... | 8 |
| Section 2.02. | Form of Trustee's Certificate of Authentication..... | 8 |
| Section 2.03. | Principal Amount; Issuable in Series..... | 9 |
| Section 2.04. | Execution of Debt Securities..... | 11 |
| Section 2.05. | Authentication and Delivery of Debt Securities..... | 11 |
| Section 2.06. | Denomination of Debt Securities..... | 13 |
| Section 2.07. | Registration of Transfer and Exchange..... | 13 |
| Section 2.08. | Temporary Debt Securities..... | 14 |
| Section 2.09. | Mutilated, Destroyed, Lost or Stolen Debt Securities..... | 15 |
| Section 2.10. | Cancellation of Surrendered Debt Securities..... | 16 |
| Section 2.11. | Provisions of the Indenture and Debt Securities for the Sole Benefit of the Parties and the Holders..... | 16 |
| Section 2.12. | Payment of Interest; Interest Rights Preserved..... | 16 |
| Section 2.13. | Securities Denominated in Dollars..... | 16 |
| Section 2.14. | Wire Transfers..... | 17 |
| Section 2.15. | Securities Issuable in the Form of a Global Security..... | 17 |
| Section 2.16. | Medium Term Securities..... | 19 |
| Section 2.17. | Defaulted Interest..... | 20 |
| Section 2.18. | CUSIP Numbers..... | 21 |

ARTICLE III
REDEMPTION OF DEBT SECURITIES

| | | |
|---------------|---|----|
| Section 3.01. | Applicability of Article..... | 21 |
| Section 3.02. | Notice of Redemption; Selection of Debt Securities..... | 21 |
| Section 3.03. | Payment of Debt Securities Called for Redemption..... | 22 |
| Section 3.04. | Mandatory and Optional Sinking Funds..... | 23 |
| Section 3.05. | Redemption of Debt Securities for Sinking Fund..... | 23 |

ARTICLE IV
PARTICULAR COVENANTS OF THE COMPANY

| | | |
|---------------|---|----|
| Section 4.01. | Payment of Principal of, and Premium, If Any, and Interest on, Debt Securities..... | 25 |
|---------------|---|----|

| | | |
|---------------|---|----|
| Section 4.02. | Maintenance of Offices or Agencies for Registration of Transfer, Exchange and Payment of Debt Securities..... | 25 |
| Section 4.03. | Appointment to Fill a Vacancy in the Office of Trustee..... | 26 |
| Section 4.04. | Duties of Paying Agents, etc..... | 26 |
| Section 4.05. | SEC Reports; Financial Statements..... | 27 |
| Section 4.06. | Compliance Certificate..... | 27 |
| Section 4.07. | Further Instruments and Acts..... | 28 |
| Section 4.08. | Existence..... | 28 |
| Section 4.09. | Maintenance of Properties..... | 28 |
| Section 4.10. | Payment of Taxes and Other Claims..... | 28 |
| Section 4.11. | Waiver of Certain Covenants..... | 29 |
| Section 4.12. | Waiver of Stay, Extension or Usury Laws..... | 29 |

ARTICLE V
HOLDERS' LISTS AND REPORTS BY THE TRUSTEE

| | | |
|---------------|---|----|
| Section 5.01. | Company to Furnish Trustee Information as to Names and Addresses of Holders; Preservation of Information..... | 29 |
| Section 5.02. | Communications to Holders..... | 30 |
| Section 5.03. | Reports by Trustee..... | 30 |
| Section 5.04. | Record Dates for Action by Holders..... | 30 |

ARTICLE VI
REMEDIES OF THE TRUSTEE AND HOLDERS IN EVENT OF DEFAULT

| | | |
|---------------|--|----|
| Section 6.01. | Events of Default..... | 31 |
| Section 6.02. | Collection of Debt by Trustee, etc..... | 33 |
| Section 6.03. | Application of Moneys Collected by Trustee..... | 34 |
| Section 6.04. | Limitation on Suits by Holders..... | 35 |
| Section 6.05. | Remedies Cumulative; Delay or Omission in Exercise of Rights Not a Waiver of Default..... | 35 |
| Section 6.06. | Rights of Holders of Majority in Principal Amount of Debt Securities to Direct Trustee and to Waive Default..... | 36 |
| Section 6.07. | Trustee to Give Notice of Defaults Known to It, but May Withhold Such Notice in Certain Circumstances..... | 36 |
| Section 6.08. | Requirement of an Undertaking To Pay Costs in Certain Suits under the Indenture or Against the Trustee..... | 36 |

ARTICLE VII
CONCERNING THE TRUSTEE

| | | |
|---------------|---|----|
| Section 7.01. | Certain Duties and Responsibilities..... | 37 |
| Section 7.02. | Certain Rights of Trustee..... | 38 |
| Section 7.03. | Trustee Not Liable for Recitals in Indenture or in Debt Securities..... | 39 |
| Section 7.04. | Trustee, Paying Agent or Registrar May Own Debt Securities..... | 39 |
| Section 7.05. | Moneys Received by Trustee to Be Held in Trust..... | 40 |
| Section 7.06. | Compensation and Reimbursement..... | 40 |
| Section 7.07. | Right of Trustee to Rely on an Officers' Certificate Where No Other Evidence Specifically Prescribed..... | 40 |

| | | |
|---------------|--|----|
| Section 7.08. | Separate Trustee; Replacement of Trustee..... | 41 |
| Section 7.09. | Successor Trustee by Merger..... | 42 |
| Section 7.10. | Eligibility; Disqualification..... | 42 |
| Section 7.11. | Preferential Collection of Claims Against Company..... | 42 |
| Section 7.12. | Compliance with Tax Laws..... | 42 |

ARTICLE VIII
CONCERNING THE HOLDERS

| | | |
|---------------|--|----|
| Section 8.01. | Evidence of Action by Holders..... | 43 |
| Section 8.02. | Proof of Execution of Instruments and of Holding of Debt Securities..... | 43 |
| Section 8.03. | Who May Be Deemed Owner of Debt Securities..... | 43 |
| Section 8.04. | Instruments Executed by Holders Bind Future Holders..... | 43 |

ARTICLE IX
SUPPLEMENTAL INDENTURES

| | | |
|---------------|---|----|
| Section 9.01. | Purposes for Which Supplemental Indenture May Be Entered into Without Consent of Holders..... | 44 |
| Section 9.02. | Modification of Indenture with Consent of Holders of Debt Securities..... | 46 |
| Section 9.03. | Effect of Supplemental Indentures..... | 47 |
| Section 9.04. | Debt Securities May Bear Notation of Changes by Supplemental Indentures..... | 47 |

ARTICLE X
CONSOLIDATION, MERGER, SALE OR CONVEYANCE

| | | |
|----------------|--|----|
| Section 10.01. | Consolidations and Mergers of the Company..... | 47 |
| Section 10.02. | Rights and Duties of Successor Company..... | 48 |

ARTICLE XI
SATISFACTION AND DISCHARGE OF
INDENTURE; DEFEASANCE; UNCLAIMED MONEYS

| | | |
|----------------|--|----|
| Section 11.01. | Applicability of Article..... | 48 |
| Section 11.02. | Satisfaction and Discharge of Indenture; Defeasance..... | 49 |
| Section 11.03. | Conditions of Defeasance..... | 50 |
| Section 11.04. | Application of Trust Money..... | 51 |
| Section 11.05. | Repayment to Company..... | 51 |
| Section 11.06. | Indemnity for U.S. Government Obligations..... | 51 |
| Section 11.07. | Reinstatement..... | 51 |

ARTICLE XII
[RESERVED]

ARTICLE XIII
MISCELLANEOUS PROVISIONS

| | | |
|----------------|---|----|
| Section 13.01. | Successors and Assigns of Company Bound by Indenture..... | 51 |
| Section 13.02. | Acts of Board, Committee or Officer of Successor Company Valid..... | 51 |

Section 13.03. Required Notices or Demands.....52

Section 13.04. Indenture and Debt Securities to Be Construed in Accordance with the Laws of the State of New York.....53

Section 13.05. Officers' Certificate and Opinion of Counsel to Be Furnished upon Application or Demand by the Company.....53

Section 13.06. Payments Due on Legal Holidays.....53

Section 13.07. Provisions Required by TIA to Control.....54

Section 13.08. Computation of Interest on Debt Securities.....54

Section 13.09. Rules by Trustee, Paying Agent and Registrar.....54

Section 13.10. Severability.....54

Section 13.11. Effect of Headings.....54

Section 13.12. Indenture May Be Executed in Counterparts.....54

ARTICLE XIV
 GUARANTEE

Section 14.01. Unconditional Guarantee.....55

Section 14.02. Subsidiary Guarantors May Consolidate, etc., on Certain Terms.....55

Section 14.03. Addition of Subsidiary Guarantors.....55

Section 14.04. Release of a Subsidiary Guarantor.....56

Section 14.05. Limitation of Subsidiary Guarantor's Liability.....56

Section 14.06. Contribution.....57

Section 14.07. [Intentionally Omitted.....57

Section 14.08. Severability.....57

THIS INDENTURE dated as of _____ is among Chesapeake Energy Corporation, an Oklahoma corporation (the "Company"), [_____] (collectively, the "Subsidiary Guarantors"), and The Bank of New York, a New York banking corporation, as trustee (the "Trustee").

RECITALS OF THE COMPANY AND THE SUBSIDIARY GUARANTORS

The Company and Subsidiary Guarantors have duly authorized the execution and delivery of this Indenture to provide for the issuance from time to time of the Company's debentures, notes, bonds or other evidences of indebtedness to be issued in one or more series unlimited as to principal amount (herein called the "Debt Securities"), and the Guarantee by each of the Subsidiary Guarantors of the Debt Securities, as in this Indenture provided.

The Company and the Subsidiary Guarantors are members of the same consolidated group of companies. The Subsidiary Guarantors will derive direct and indirect economic benefit from the issuance of the Debt Securities. Accordingly, each Subsidiary Guarantor has duly authorized the execution and delivery of this Indenture to provide for its full, unconditional and joint and several guarantee of the Debt Securities to the extent provided in or pursuant to this Indenture.

All things necessary to make this Indenture a valid agreement of the Company, in accordance with its terms, have been done.

NOW, THEREFORE, THIS INDENTURE WITNESSETH

That in order to declare the terms and conditions upon which the Debt Securities are authenticated, issued and delivered, and in consideration of the premises, and of the purchase and acceptance of the Debt Securities by the holders thereof, the Company and the Trustee covenant and agree with each other, for the benefit of the respective Holders from time to time of the Debt Securities or any series thereof, as follows:

ARTICLE I
DEFINITIONS AND INCORPORATION BY REFERENCE

Section 1.01. Definitions.

"Adjusted Net Assets of a Subsidiary Guarantor" at any date shall mean the lesser of (i) the amount by which the fair value of the property of such Subsidiary Guarantor exceeds the total amount of liabilities, including, without limitation, contingent liabilities (after giving effect to all other fixed and contingent liabilities incurred or assumed on such date), but excluding liabilities under the Guarantee of such Subsidiary Guarantor at such date and (ii) the amount by which the present fair saleable value of the assets of such Subsidiary Guarantor at such date exceeds the amount that will be required to pay the probable liability of such Subsidiary Guarantor on its debts (after giving effect to all other fixed and contingent liabilities incurred or assumed on such date and after giving effect to any collection from any Subsidiary of such Subsidiary Guarantor in respect of the obligations of such Subsidiary under the Guarantee), excluding debt in respect of the Guarantee, as they become absolute and matured.

"Affiliate" of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For the purposes of this definition, "control" when used with respect to any specified Person means the power to direct the management and policies of such Person, directly or indirectly, whether through the ownership of voting securities, by contract or otherwise; and the terms "controlling" and "controlled" have meanings correlative to the foregoing. The Trustee may request and may conclusively rely upon an Officers' Certificate to determine whether any Person is an Affiliate of any specified Person.

"Agent" means any Registrar or paying agent.

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

"Board of Directors" means the Board of Directors of Company or any authorized committee of the Board of Directors of the Company or any directors and/or officers of the Company to whom such Board of Directors or such committee shall have duly delegated its authority to act hereunder.

"Business Day" means any day other than a Legal Holiday.

"capital stock" of any Person means and includes any and all shares, rights to purchase, warrants or options (whether or not currently exercisable), participations or other equivalents of or interests in (however designated) the equity (which includes, but is not limited to, common stock, preferred stock and partnership and joint venture interests) of such Person (excluding any debt securities that are convertible into, or exchangeable for, such equity).

"Company" means the Person named as the "Company" in the first paragraph of this instrument until a successor Person shall have become such pursuant to the applicable provisions of this Indenture, and thereafter "Company" shall mean such successor Person.

"Company Request" and "Company Order" mean, respectively, a written request or order signed in the name of the Company by the Chairman of the Board, the President or a Vice President of the Company, and by the Treasurer, an Assistant Treasurer, the Controller, an Assistant Controller, the Secretary or an Assistant Secretary of the Company, and delivered to the Trustee.

"Custodian" means any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

"Debt" of any Person at any date means any obligation created or assumed by such Person for the repayment of borrowed money and any guarantee thereof.

"Debt Security" or "Debt Securities" has the meaning stated in the first recital of this Indenture and more particularly means any debt security or debt securities, as the case may be of any series authenticated and delivered under this Indenture.

"Default" means any event, act or condition that is, or after notice or the passage of time or both would be, an Event of Default.

"Depository" means, unless otherwise specified by the Company pursuant to either Section 2.03 or 2.15, with respect to Debt Securities of any series issuable or issued in whole or in part in the form of one or more Global Securities, The Depository Trust Company, New York, New York, or any successor thereto registered as a clearing agency under the Exchange Act or other applicable statute or regulations.

"Dollar" or "\$" means such currency of the United States as at the time of payment is legal tender for the payment of public and private debts.

"Exchange Act" means the Securities Exchange Act of 1934, as amended, and any successor statute.

"Floating Rate Security" means a Debt Security that provides for the payment of interest at a variable rate determined periodically by reference to an interest rate index specified pursuant to Section 2.03.

"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 may be approved by a significant segment of the accounting profession of the United States, as in effect from time to time.

"Global Security" means with respect to any series of Debt Securities issued hereunder, a Debt Security which is executed by the Company and authenticated and delivered by the Trustee to the Depository or pursuant to the Depository's instruction, all in accordance with this Indenture and any Indentures supplemental hereto, or resolution of the Board of Directors and set forth in an Officers' Certificate, which shall be registered in the name of the Depository or its nominee and which shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all the Outstanding Debt Securities of such series or any portion thereof, in either case having the same terms, including, without limitation, the same original issue date, date or dates on which principal is due and interest rate or method of determining interest.

"guarantee" means any obligation, contingent or otherwise, of any Person directly or indirectly guaranteeing any Debt or other obligation of any other Person and any obligation,

direct or indirect, contingent or otherwise, of such Person (a) to purchase or pay (or advance or supply funds for the purchase or payment of) such Debt or other obligation of such other Person (whether arising by virtue of partnership arrangements, or by agreement to keep-well, to purchase assets, goods, securities or services, to take-or-pay, or to maintain financial statement conditions or otherwise) or (b) entered into for purposes of assuring in any other manner the obligee of such Debt or other obligation of the payment thereof or to protect such obligee against loss in respect thereof (in whole or in part); provided, however, that the term "guarantee" shall not include endorsements for collection or deposit in the ordinary course of business. The term "guarantee" used as a verb has a corresponding meaning.

"Holder," "Holder of Debt Securities" or other similar terms means, a Person in whose name a Debt Security is registered in the Debt Security Register (as defined in Section 2.07(a)).

"Indenture" means this instrument as originally executed, or, if amended or supplemented as herein provided, as so amended or supplemented and shall include the form and terms of particular series of Debt Securities as contemplated hereunder, whether or not a supplemental Indenture is entered into with respect thereto.

"Issue Date" means, with respect to a series of Debt Securities, the date of original issuance of such series.

"Legal Holiday" means a Saturday, a Sunday or a day on which banking institutions in the City of Houston, Texas, City of New York, New York or at a Place of Payment are authorized by law, regulation or executive order to remain closed. If a payment date is a Legal Holiday at a place of payment, payment may be made at that place on the next succeeding day that is not a Legal Holiday, and no interest shall accrue for the intervening period.

"Lien" means, with respect to any asset, any mortgage, lien, security interest, pledge, charge or other encumbrance of any kind in respect of such asset, whether or not filed, recorded or otherwise perfected under applicable law.

"Officer" means, with respect to a Person, the Chairman of the Board, the President, any Vice President, the Treasurer, any Assistant Treasurer, Controller, Secretary, Assistant Secretary or any Assistant Vice President of such Person.

"Officers' Certificate" means a certificate signed by two Officers of the Company, one of whom must be the Company's chief executive officer, chief financial officer or chief accounting officer.

"Opinion of Counsel" means a written opinion from legal counsel who is acceptable to the Trustee. The counsel may be an employee of or counsel to the Company or the Trustee.

"Original Issue Discount Debt Security" means any Debt Security which provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01.

"Outstanding," when used with respect to any series of Debt Securities, means, as of the date of determination, all Debt Securities of that series theretofore authenticated and delivered under this Indenture, except:

- (a) Debt Securities of that series theretofore canceled by the Trustee or delivered to the Trustee for cancellation;
- (b) Debt Securities of that series for whose payment or redemption money in the necessary amount has been theretofore deposited with the Trustee or any paying agent (other than the Company) in trust or set aside and segregated in trust by the Company (if the Company shall act as its own paying agent) for the Holders of such Debt Securities; provided, that, if such Debt Securities are to be redeemed, notice of such redemption has been duly given pursuant to this Indenture or provision therefor satisfactory to the Trustee has been made; and
- (c) Debt Securities of that series which have been paid pursuant to Section 2.09 or in exchange for or in lieu of which other Debt Securities have been authenticated and delivered pursuant to this Indenture, other than any such Debt Securities in respect of which there shall have been presented to the Trustee proof satisfactory to it that such Debt Securities are held by a bona fide purchaser in whose hands such Debt Securities are valid obligations of the Company;

provided, however, that in determining whether the Holders of the requisite principal amount of the Outstanding Debt Securities of any series have given any request, demand, authorization, direction, notice, consent or waiver hereunder, Debt Securities owned by the Company or any other obligor upon the Debt Securities or any Affiliate of the Company or of such other obligor shall be disregarded and deemed not to be Outstanding, except that, in determining whether the Trustee shall be protected in relying upon any such request, demand, authorization, direction, notice, consent or waiver, only Debt Securities which an officer of the Trustee actually knows to be so owned shall be so disregarded. Debt Securities so owned which have been pledged in good faith may be regarded as Outstanding if the pledgee establishes to the satisfaction of the Trustee the pledgee's right so to act with respect to such Debt Securities and that the pledgee is not the Company or any other obligor upon the Debt Securities or an Affiliate of the Company or of such other obligor. In determining whether the Holders of the requisite principal amount of Outstanding Debt Securities have given any request, demand, authorization, direction, notice, consent or waiver hereunder, the principal amount of an Original Issue Discount Debt Security that shall be deemed to be Outstanding for such purposes shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof pursuant to Section 6.01.

"Person" means any individual, corporation, partnership, joint venture, limited liability company, incorporated or unincorporated association, joint-stock company, trust, unincorporated organization or government or other agency or political subdivision thereof or other entity of any kind.

"Redemption Date," when used with respect to any Debt Security to be redeemed, means the date fixed for such redemption by or pursuant to this Indenture.

"Restricted Subsidiary" means any Subsidiary of the Company other than an Unrestricted Subsidiary. The Board of Directors may designate any Unrestricted Subsidiary to be a Restricted Subsidiary.

"SEC" means the Securities and Exchange Commission.

"Securities Act" means the Securities Act of 1933, as amended, and any successor statute.

"Stated Maturity" means, with respect to any security, the date specified in such security as the fixed date on which the payment of principal of such security is due and payable, including pursuant to any mandatory redemption provision (but excluding any provision providing for the repurchase of such security at the option of the holder thereof upon the happening of any contingency beyond the control of the issuer unless such contingency has occurred).

"Subsidiary" of any Person means:

- (1) any corporation, association or other business entity of which more than 50% of the total voting power of equity interests entitled, without regard to the occurrence of any contingency, to vote in the election of directors, managers, trustees or equivalent Persons thereof is at the time of determination owned or controlled, directly or indirectly, by such Person or one or more of the other Subsidiaries of such Person or combination thereof; or
- (2) in the case of a partnership, more than 50% of the partners' equity interests, considering all partners' equity interests as a single class, is at such time of determination owned or controlled, directly or indirectly, by such Person or one or more of the other Subsidiaries of such Person or combination thereof.

"Subsidiary Guarantors" means the Person or Persons named as the "Subsidiary Guarantors" in the first paragraph of this instrument until a successor Person or Persons shall have become such pursuant to the applicable provisions of this Indenture, and thereafter "Subsidiary Guarantors" shall mean such successor Person or Persons, and any other Subsidiary of the Company who may execute this Indenture, or a supplement thereto, for the purpose of providing a Guarantee of Debt Securities pursuant to this Indenture.

"TIA" means the Trust Indenture Act of 1939, as amended (15 U.S.C. Section 77aaa-77bbb), as in effect on the date of this Indenture as originally executed and, to the extent required by law, as amended.

"Trustee" initially means The Bank of New York and any other Person or Persons appointed as such from time to time pursuant to Section 7.08, and, subject to the provisions of Article VII, includes its or their successors and assigns. If at any time there is more than one such Person, "Trustee" as used with respect to the Debt Securities of any series shall mean the Trustee with respect to the Debt Securities of that series.

"Trust Officer" means any officer or assistant officer of the Trustee assigned by the Trustee to administer its corporate trust matters.

"United States" means the United States of America (including the States and the District of Columbia), its territories, its possessions and other areas subject to its jurisdiction.

"Unrestricted Subsidiary" means (a) Chesapeake Energy Marketing, Inc. until such time as such Subsidiary shall be designated as a Restricted Subsidiary, (b) any Subsidiary of an Unrestricted Subsidiary and (c) any Subsidiary of the Company or of a Restricted Subsidiary that is designated as an Unrestricted Subsidiary by a resolution adopted by the Board of Directors, as evidenced by written notice thereof delivered to the Trustee.

"U.S. Government Obligations" means direct obligations of the United States of America, obligations on which the payment of principal and interest is fully guaranteed by the United States of America or obligations or guarantees for the payment of which the full faith and credit of the United States of America is pledged.

"Yield to Maturity" means the yield to maturity, calculated at the time of issuance of a series of Debt Securities, or, if applicable, at the most recent redetermination of interest on such series and calculated in accordance with accepted financial practice.

Section 1.02. Other Definitions.

| TERM | DEFINED IN SECTION |
|-------------------------------|--------------------|
| "Debt Security Register"..... | 2.07 |
| "Defaulted Interest"..... | 2.17 |
| "Determination Notice"..... | 3.02 |
| "Event of Default"..... | 6.01 |
| "Funding Guarantor"..... | 14.06 |
| "Guarantee"..... | 14.01 |
| "Place of Payment"..... | 2.03 |
| "Registrar"..... | 2.07 |
| "Successor Company"..... | 10.01 |

Section 1.03. Incorporation by Reference of Trust Indenture Act.
Whenever this Indenture refers to a provision of the TIA, the provision is incorporated by reference in and made a part of this Indenture.

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

Section 1.04. Rules of Construction. Unless the context otherwise requires:

(a) a term has the meaning assigned to it;

(b) an accounting term not otherwise defined has the meaning assigned to it in accordance with GAAP;

(c) "or" is not exclusive;

(d) words in the singular include the plural, and in the plural include the singular;

(e) provisions apply to successive events and transactions; and

(f) the principal amount of any noninterest bearing or other discount security at any date shall be the principal amount thereof that would be shown on a balance sheet of the issuer dated such date prepared in accordance with GAAP.

ARTICLE II
DEBT SECURITIES

Section 2.01. Forms Generally. The Debt Securities of each series shall be in substantially the form established without the approval of any Holder by or pursuant to a resolution of the Board of Directors or in one or more Indentures supplemental hereto, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture, and may have such letters, numbers or other marks of identification and such legends or endorsements placed thereon as the Company may deem appropriate (and, if not contained in a supplemental Indenture entered into in accordance with Article IX, as are not prohibited by the provisions of this Indenture) or as may be required or appropriate to comply with any law or with any rules made pursuant thereto or with any rules of any securities exchange on which such series of Debt Securities may be listed, or to conform to general usage, or as may, consistently herewith, be determined by the officers executing such Debt Securities as evidenced by their execution of the Debt Securities.

The definitive Debt Securities of each series shall be printed, lithographed or engraved on steel engraved borders or may be produced in any other manner, all as determined by the officers executing such Debt Securities, as evidenced by their execution of such Debt.

Section 2.02. Form of Trustee's Certificate of Authentication. The Trustee's certificate of authentication on all Debt Securities authenticated by the Trustee shall be in substantially the following form:

TRUSTEE'S CERTIFICATE OF AUTHENTICATION

This is one of the Debt Securities of the series designated therein referred to in the within-mentioned Indenture.

The Bank of New York
As Trustee

By: _____
Authorized Signatory

Section 2.03. Principal Amount; Issuable in Series. The aggregate principal amount of Debt Securities which may be issued, executed, authenticated, delivered and outstanding under this Indenture is unlimited.

The Debt Securities may be issued in one or more series in fully registered form. There shall be established, without the approval of any Holders, in or pursuant to a resolution of the Board of Directors and set forth in an Officers' Certificate, or established in one or more Indentures supplemental hereto, prior to the issuance of Debt Securities of any series any or all of the following:

(a) the title of the Debt Securities of the series (which shall distinguish the Debt Securities of the series from all other Debt Securities);

(b) any limit upon the aggregate principal amount of the Debt Securities of the series which may be authenticated and delivered under this Indenture (except for Debt Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Debt Securities of the series pursuant to this Article II);

(c) the date or dates on which the principal and premium, if any, of the Debt Securities of the series are payable;

(d) the rate or rates (which may be fixed or variable) at which the Debt Securities of the series shall bear interest, if any, or the method of determining such rate or rates, the date or dates from which such interest shall accrue, the interest payment dates on which such interest shall be payable, or the method by which such date will be determined, the record dates for the determination of Holders thereof to whom such interest is payable; and the basis upon which interest will be calculated if other than that of a 360-day year of twelve thirty-day months;

(e) the place or places, if any, in addition to or instead of the corporate trust office of the Trustee, where the principal of, and premium, if any, and interest on, Debt Securities of the series shall be payable ("Place of Payment");

(f) the price or prices at which, the period or periods within which and the terms and conditions upon which Debt Securities of the series may be redeemed, in whole or in part, at the option of the Company or otherwise;

(g) whether Debt Securities of the series are entitled to the benefits of any Guarantee of any Subsidiary Guarantors pursuant to this Indenture;

(h) the obligation, if any, of the Company to redeem, purchase or repay Debt Securities of the series pursuant to any sinking fund or analogous provisions or at the option of a Holder thereof, and the price or prices at which and the period or periods within which and the terms and conditions upon which Debt Securities of the series shall be redeemed, purchased or repaid, in whole or in part, pursuant to such obligations;

(i) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which Debt Securities of the series shall be issuable;

(j) if the amount of principal of or any premium or interest on Debt Securities of the series may be determined with reference to an index or pursuant to a formula, the manner in which such amounts will be determined;

(k) if the principal amount payable at the Stated Maturity of Debt Securities of the series will not be determinable as of any one or more dates prior to such Stated Maturity, the amount which will be deemed to be such principal amount as of any such date for any purpose, including the principal amount thereof which will be due and payable upon any maturity other than the Stated Maturity or which will be deemed to be Outstanding as of any such date (or, in any such case, the manner in which such deemed principal amount is to be determined);

(l) any changes or additions to Article XI, including the addition of additional covenants that may be subject to the covenant defeasance option pursuant to Section 11.02(b);

(m) any changes or additions to Article XIV with respect to such series of Debt Securities;

(n) if other than the principal amount thereof, the portion of the principal amount of Debt Securities of the series which shall be payable upon declaration of acceleration of the maturity thereof pursuant to Section 6.01 or provable in bankruptcy pursuant to Section 6.02;

(o) the terms, if any, of the transfer, mortgage, pledge or assignment as security for the Debt Securities of the series of any properties, assets, moneys, proceeds, securities or other collateral, including whether certain provisions of the TIA are applicable and any corresponding changes to provisions of this Indenture as currently in effect;

(p) any addition to or change in the Events of Default with respect to the Debt Securities of the series and any change in the right of the Trustee or the Holders to declare the principal of, and premium and interest on, such Debt Securities due and payable;

(q) if the Debt Securities of the series shall be issued in whole or in part in the form of a Global Security or Securities, the terms and conditions, if any, upon which such Global Security or Securities may be exchanged in whole or in part for other individual Debt Securities in definitive registered form; and the Depositary for such Global Security or Securities and the form of any legend or legends to be borne by any such Global Security or Securities in addition to or in lieu of the legend referred to in Section 2.15(a);

(r) any trustees, authenticating or paying agents, transfer agents or registrars;

(s) the applicability of, and any addition to or change in the covenants and definitions currently set forth in this Indenture or in the terms currently set forth in Article X, including conditioning any merger, conveyance, transfer or lease permitted by Article X upon the satisfaction of any Debt coverage standard by the Company and Successor Company (as defined in Article X);

(t) with regard to Debt Securities of the series that do not bear interest, the dates for certain required reports to the Trustee; and

(u) any other terms of the Debt Securities of the series (which terms shall not be prohibited by the provisions of this Indenture).

All Debt Securities of any one series appertaining thereto shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to such resolution of the Board of Directors and as set forth in such Officers' Certificate or in any such Indenture supplemental hereto.

Section 2.04. Execution of Debt Securities. The Debt Securities shall be signed on behalf of the Company by the Chairman of the Board, the President or a Vice President of the Company and, if the seal of the Company is reproduced thereon, it shall be attested by its Secretary, an Assistant Secretary, a Treasurer or an Assistant Treasurer. Such signatures upon the Debt Securities may be the manual or facsimile signatures of the present or any future such authorized officers and may be imprinted or otherwise reproduced on the Debt Securities. The seal of the Company, if any, may be in the form of a facsimile thereof and may be impressed, affixed, imprinted or otherwise reproduced on the Debt Securities.

Only such Debt Securities as shall bear thereon a certificate of authentication substantially in the form hereinbefore recited, signed manually by the Trustee, shall be entitled to the benefits of this Indenture or be valid or obligatory for any purpose. Such certificate by the Trustee upon any Debt Security executed by the Company shall be conclusive evidence that the Debt Security so authenticated has been duly authenticated and delivered hereunder.

In case any officer of the Company who shall have signed any of the Debt Securities shall cease to be such officer before the Debt Securities so signed shall have been authenticated and delivered by the Trustee, or disposed of by the Company, such Debt Securities nevertheless may be authenticated and delivered or disposed of as though the Person who signed such Debt Securities had not ceased to be such officer of the Company; and any Debt Security may be signed on behalf of the Company by such Persons as, at the actual date of the execution of such Debt Security, shall be the proper officers of the Company, although at the date of such Debt Security or of the execution of this Indenture any such Person was not such officer.

Section 2.05. Authentication and Delivery of Debt Securities. At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Debt Securities of any series executed by the Company to the Trustee for authentication, and the Trustee shall thereupon authenticate and deliver said Debt Securities to or upon a Company Order. In authenticating such Debt Securities, and accepting the additional responsibilities under this Indenture in relation to such Debt Securities, the Trustee shall be entitled to receive, and (subject to Section 7.01) shall be fully protected in relying upon:

- (a) a copy of any resolution or resolutions of the Board of Directors, certified by the Secretary or Assistant Secretary of the Company, authorizing the terms of issuance of any series of Debt Securities;
- (b) an executed supplemental Indenture, if any;
- (c) an Officers' Certificate; and

(d) an Opinion of Counsel prepared in accordance with Section 13.05 which shall also state:

(i) that the form of such Debt Securities has been established by or pursuant to a resolution of the Board of Directors or by a supplemental Indenture as permitted by Section 2.01 in conformity with the provisions of this Indenture;

(ii) that the terms of such Debt Securities have been established by or pursuant to a resolution of the Board of Directors or by a supplemental Indenture as permitted by Section 2.03 in conformity with the provisions of this Indenture;

(iii) that such Debt Securities, when authenticated and delivered by the Trustee and issued by the Company in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Company, enforceable in accordance with their terms except as the enforceability thereof may be limited by bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally and rights of acceleration and the availability of equitable remedies may be limited by equitable principles of general applicability;

(iv) that the Company has the corporate power to issue such Debt Securities and has duly taken all necessary corporate action with respect to such issuance;

(v) that the issuance of such Debt Securities will not contravene the organizational documents of the Company or result in any material violation of any of the terms or provisions of any law or regulation or of any material indenture, mortgage or other agreement known to such counsel by which the Company is bound;

(vi) that authentication and delivery of such Debt Securities and the execution and delivery of any supplemental Indenture will not violate the terms of this Indenture; and

(vii) such other matters as the Trustee may reasonably request.

Such Opinion of Counsel need express no opinion as to whether a court in the United States would render a money judgment in a currency other than that of the United States.

The Trustee shall have the right to decline to authenticate and deliver any Debt Securities under this Section 2.05 if the Trustee, being advised by counsel, determines that such action may not lawfully be taken or if the Trustee in good faith by its board of directors or trustees, executive committee or a trust committee of directors, trustees or vice presidents (or any combination thereof) shall determine that such action would expose the Trustee to personal liability to existing Holders.

The Trustee may appoint an authenticating agent reasonably acceptable to the Company to authenticate Debt Securities of any series. Unless limited by the terms of such appointment, an authenticating agent may authenticate Debt Securities whenever the Trustee may do so. Each reference in this Indenture to authentication by the Trustee includes authentication by such agent.

An authenticating agent has the same rights as any Registrar, paying agent or agent for service of notices and demands.

Unless otherwise provided in the form of Debt Security for any series, each Debt Security shall be dated the date of its authentication.

Section 2.06. Denomination of Debt Securities. Unless otherwise provided in the form of Debt Security for any series, the Debt Securities of each series shall be issuable only as fully registered Debt Securities in such Dollar denominations as shall be specified or contemplated by Section 2.03. In the absence of any such specification with respect to the Debt Securities of any series, the Debt Securities of such series shall be issuable in denominations of \$1,000 and any integral multiple thereof.

Section 2.07. Registration of Transfer and Exchange.

(a) The Company shall keep or cause to be kept a register for each series of Debt Securities issued hereunder (hereinafter collectively referred to as the "Debt Security Register"), in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of all Debt Securities and the transfer of Debt Securities as in this Article II provided. At all reasonable times the Debt Security Register shall be open for inspection by the Trustee. Subject to Section 2.15, upon due presentment for registration of transfer of any Debt Security at any office or agency to be maintained by the Company in accordance with the provisions of Section 4.02, the Company shall execute and the Trustee shall authenticate and deliver in the name of the transferee or transferees a new Debt Security or Debt Securities of authorized denominations for a like aggregate principal amount. In no event may Debt Securities be issued as, or exchanged for, bearer securities.

Unless and until otherwise determined by the Company by resolution of the Board of Directors, the register of the Company for the purpose of registration, exchange or registration of transfer of the Debt Securities shall be kept at the principal corporate trust office of the Trustee and, for this purpose, the Trustee shall be designated "Registrar."

Debt Securities of any series (other than a Global Security, except as set forth below) may be exchanged for a like aggregate principal amount of Debt Securities of the same series of other authorized denominations. Subject to Section 2.15, Debt Securities to be exchanged shall be surrendered at the office or agency to be maintained by the Company as provided in Section 4.02, and the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor the Debt Security or Debt Securities which the Holder making the exchange shall be entitled to receive.

(b) All Debt Securities presented or surrendered for registration of transfer, exchange or payment shall (if so required by the Company, the Trustee or the Registrar) be duly endorsed or be accompanied by a written instrument or instruments of transfer, in form satisfactory to the Company, the Trustee and the Registrar, duly executed by the Holder or his attorney duly authorized in writing.

All Debt Securities issued in exchange for or upon transfer of Debt Securities shall be the valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture as the Debt Securities surrendered for such exchange or transfer.

No service charge shall be made for any exchange or registration of transfer of Debt Securities (except as provided by Section 2.09), but the Company may require payment of a sum sufficient to cover any tax, fee, assessment or other governmental charge that may be imposed in relation thereto, other than those expressly provided in this Indenture to be made at the Company's own expense or without expense or without charge to the Holders.

The Company shall not be required (i) to issue, register the transfer of or exchange any Debt Securities for a period of 15 days next preceding any mailing of notice of redemption of Debt Securities of such series or (ii) to register the transfer of or exchange any Debt Securities selected, called or being called for redemption.

Prior to the due presentation for registration of transfer of any Debt Security, the Company, the Subsidiary Guarantors, the Trustee, any paying agent or any Registrar may deem and treat the Person in whose name a Debt Security is registered as the absolute owner of such Debt Security for the purpose of receiving payment of or on account of the principal of, and premium, if any, and (subject to Section 2.12) interest on, such Debt Security and for all other purposes whatsoever, whether or not such Debt Security is overdue, and none of the Company, the Subsidiary Guarantors, the Trustee, any paying agent or any Registrar shall be affected by notice to the contrary.

None of the Company, the Subsidiary Guarantors, the Trustee, any agent of the Trustee, any paying agent or any Registrar will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests of a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Section 2.08. Temporary Debt Securities. Pending the preparation of definitive Debt Securities of any series, the Company may execute and the Trustee shall authenticate and deliver temporary Debt Securities (printed, lithographed, photocopied, typewritten or otherwise produced) of any authorized denomination, and substantially in the form of the definitive Debt Securities in lieu of which they are issued, in registered form with such omissions, insertions and variations as may be appropriate for temporary Debt Securities, all as may be determined by the Company with the concurrence of the Trustee. Temporary Debt Securities may contain such reference to any provisions of this Indenture as may be appropriate. Every temporary Debt Security shall be executed by the Company and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Debt Securities.

If temporary Debt Securities of any series are issued, the Company will cause definitive Debt Securities of such series to be prepared without unreasonable delay. After the preparation of definitive Debt Securities of such series, the temporary Debt Securities of such series shall be exchangeable for definitive Debt Securities of such series upon surrender of the temporary Debt Securities of such series at the office or agency of the Company at a Place of Payment for such

series, without charge to the Holder thereof, except as provided in Section 2.07 in connection with a transfer. Upon surrender for cancellation of any one or more temporary Debt Securities of any series, the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a like principal amount of definitive Debt Securities of the same series of authorized denominations and of like tenor. Until so exchanged, temporary Debt Securities of any series shall in all respects be entitled to the same benefits under this Indenture as definitive Debt Securities of such series.

Upon any exchange of a portion of a temporary Global Security for a definitive Global Security or for the individual Debt Securities represented thereby pursuant to Section 2.07 or this Section 2.08, the temporary Global Security shall be endorsed by the Trustee to reflect the reduction of the principal amount evidenced thereby, whereupon the principal amount of such temporary Global Security shall be reduced for all purposes by the amount to be exchanged and endorsed.

Section 2.09. Mutilated, Destroyed, Lost or Stolen Debt Securities. If (a) any mutilated Debt Security is surrendered to the Trustee at its corporate trust office or (b) the Company and the Trustee receive evidence to their satisfaction of the destruction, loss or theft of any Debt Security, and there is delivered to the Company and the Trustee such security or indemnity as may be required by them to save each of them and any paying agent harmless, and neither the Company nor the Trustee receives notice that such Debt Security has been acquired by a bona fide purchaser, then the Company shall execute and, upon a Company Order, the Trustee shall authenticate and deliver, in exchange for or in lieu of any such mutilated, destroyed, lost or stolen Debt Security, a new Debt Security of the same series of like tenor, form, terms and principal amount, bearing a number not contemporaneously Outstanding. Upon the issuance of any substituted Debt Security, the Company may require the payment of a sum sufficient to cover any tax, fee, assessment or other governmental charge that may be imposed in relation thereto and any other expenses connected therewith. In case any Debt which has matured or is about to mature or which has been called for redemption shall become mutilated or be destroyed, lost or stolen, the Company may, instead of issuing a substituted Debt Security, pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Debt Security) if the applicant for such payment shall furnish the Company and the Trustee with such security or indemnity as either may require to save it harmless from all risk, however remote, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Debt Security and of the ownership thereof.

Every substituted Debt Security of any series issued pursuant to the provisions of this Section 2.09 by virtue of the fact that any Debt Security is destroyed, lost or stolen shall constitute an original additional contractual obligation of the Company, whether or not the destroyed, lost or stolen Debt Security shall be found at any time, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Debt Securities of that series duly issued hereunder. All Debt Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Debt Securities, and shall preclude any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with

respect to the replacement or payment of negotiable instruments or other securities without their surrender.

Section 2.10. Cancellation of Surrendered Debt Securities. All Debt Securities surrendered for payment, redemption, registration of transfer or exchange shall, if surrendered to the Company or any paying agent or a Registrar, be delivered to the Trustee for cancellation by it, or if surrendered to the Trustee, shall be canceled by it, and no Debt Securities shall be issued in lieu thereof except as expressly permitted by any of the provisions of this Indenture. All canceled Debt Securities held by the Trustee shall be destroyed (subject to the record retention requirements of the Exchange Act) and certification of their destruction delivered to the Company, unless otherwise directed. On request of the Company, the Trustee shall deliver to the Company canceled Debt Securities held by the Trustee. If the Company shall acquire any of the Debt Securities, however, such acquisition shall not operate as a redemption or satisfaction of the Debt represented thereby unless and until the same are delivered or surrendered to the Trustee for cancellation. The Company may not issue new Debt Securities to replace Debt Securities it has redeemed, paid or delivered to the Trustee for cancellation.

Section 2.11. Provisions of the Indenture and Debt Securities for the Sole Benefit of the Parties and the Holders. Nothing in this Indenture or in the Debt, expressed or implied, shall give or be construed to give to any Person, other than the parties hereto, the Holders or any Registrar or paying agent, any legal or equitable right, remedy or claim under or in respect of this Indenture, or under any covenant, condition or provision herein contained; all its covenants, conditions and provisions being for the sole benefit of the parties hereto, the Holders and any Registrar and paying agents.

Section 2.12. Payment of Interest; Interest Rights Preserved.

(a) Interest on any Debt Security that is payable and is punctually paid or duly provided for on any interest payment date shall be paid to the Person in whose name such Debt Security is registered at the close of business on the regular record date for such interest notwithstanding the cancellation of such Debt Security upon any transfer or exchange subsequent to the regular record date. Payment of interest on Debt Securities shall be made at the corporate trust office of the Trustee (except as otherwise specified pursuant to Section 2.03), or at the option of the Company, by check mailed to the address of the Person entitled thereto as such address shall appear in the Debt Security Register or, if provided pursuant to Section 2.03 and in accordance with arrangements satisfactory to the Trustee, at the option of the Holder by wire transfer to an account designated by the Holder.

(b) Subject to the foregoing provisions of this Section 2.12 and Section 2.17, each Debt Security of a particular series delivered under this Indenture upon registration of transfer of or in exchange for or in lieu of any other Debt Security of the same series shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Debt Security.

Section 2.13. Securities Denominated in Dollars. Except as otherwise specified pursuant to Section 2.03 for Debt Securities of any series, payment of the principal of, and premium, if any, and interest on, Debt Securities of such series will be made in Dollars.

Section 2.14. Wire Transfers. Notwithstanding any other provision to the contrary in this Indenture, the Company may make any payment of moneys required to be deposited with the Trustee on account of principal of, or premium, if any, or interest on, the Debt Securities (whether pursuant to optional or mandatory redemption payments, interest payments or otherwise) by wire transfer in immediately available funds to an account designated by the Trustee before 11:00 a.m., New York City time, on the date such moneys are to be paid to the Holders of the Debt Securities in accordance with the terms hereof.

Section 2.15. Securities Issuable in the Form of a Global Security.

(a) If the Company shall establish pursuant to Sections 2.01 and 2.03 that the Debt Securities of a particular series are to be issued in whole or in part in the form of one or more Global Securities, then the Company shall execute and the Trustee or its agent shall, in accordance with Section 2.05, authenticate and deliver, such Global Security or Securities, which shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, the Outstanding Debt Securities of such series to be represented by such Global Security or Securities, or such portion thereof as the Company shall specify in an Officers' Certificate, shall be registered in the name of the Depository for such Global Security or Securities or its nominee, shall be delivered by the Trustee or its agent to the Depository or pursuant to the Depository's instruction and shall bear a legend substantially to the following effect:

"UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION ("DTC"), NEW YORK, NEW YORK, TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO., OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

TRANSFERS OF THIS GLOBAL SECURITY SHALL BE LIMITED TO TRANSFERS IN WHOLE, BUT NOT IN PART, TO NOMINEES OF DTC OR TO A SUCCESSOR THEREOF OR SUCH SUCCESSOR'S NOMINEE AND TRANSFERS OF PORTIONS OF THIS GLOBAL SECURITY SHALL BE LIMITED TO TRANSFERS MADE IN ACCORDANCE WITH THE RESTRICTIONS SET FORTH IN THE INDENTURE REFERRED TO HEREIN,"

or such other legend as may then be required by the Depository for such Global Security or Securities.

(b) Notwithstanding any other provision of this Section 2.15 or of Section 2.07 to the contrary, and subject to the provisions of paragraph (c) below, unless the terms of a Global Security expressly permit such Global Security to be exchanged in whole or in part for definitive Debt Securities in registered form, a Global Security may be transferred, in whole but not in part

and in the manner provided in Section 2.07, only by the Depositary to a nominee of the Depositary for such Global Security, or by a nominee of the Depositary to the Depositary or another nominee of the Depositary, or by the Depositary or a nominee of the Depositary to a successor Depositary for such Global Security selected or approved by the Company, or to a nominee of such successor Depositary.

(c) (i) If at any time the Depositary for a Global Security or Securities notifies the Company that it is unwilling or unable to continue as Depositary for such Global Security or Securities or if at any time the Depositary for the Debt Securities for such series shall no longer be eligible or in good standing under the Exchange Act or other applicable statute, rule or regulation, the Company shall appoint a successor Depositary with respect to such Global Security or Securities. If a successor Depositary for such Global Security or Securities is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such ineligibility, the Company shall execute, and the Trustee or its agent, upon receipt of a Company Order for the authentication and delivery of such individual Debt Securities of such series in exchange for such Global Security, will authenticate and deliver, individual Debt Securities of such series of like tenor and terms in definitive form in an aggregate principal amount equal to the principal amount of the Global Security in exchange for such Global Security or Securities. (ii) The Company may at any time and in its sole discretion determine that the Debt Securities of any series or portion thereof issued or issuable in the form of one or more Global Securities shall no longer be represented by such Global Security or Securities. In such event the Company will execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of individual Debt Securities of such series in exchange in whole or in part for such Global Security, will authenticate and deliver individual Debt Securities of such series of like tenor and terms in definitive form in an aggregate principal amount equal to the principal amount of such series or portion thereof in exchange for such Global Security or Securities. (iii) If specified by the Company pursuant to Sections 2.01 and 2.03 with respect to Debt Securities issued or issuable in the form of a Global Security, the Depositary for such Global Security may surrender such Global Security in exchange in whole or in part for individual Debt Securities of such series of like tenor and terms in definitive form on such terms as are acceptable to the Company, the Trustee and such Depositary. Thereupon the Company shall execute, and the Trustee or its agent upon receipt of a Company Order for the authentication and delivery of definitive Debt Securities of such series shall authenticate and deliver, without service charge, to each Person specified by such Depositary a new Debt Security or Securities of the same series of like tenor and terms and of any authorized denomination as requested by such Person in aggregate principal amount equal to and in exchange for such Person's beneficial interest in the Global Security; and to such Depositary a new Global Security of like tenor and terms and in an authorized denomination equal to the difference, if any, between the principal amount of the surrendered Global Security and the aggregate principal amount of Debt Securities delivered to Holders thereof.

(iv) In any exchange provided for in any of the preceding three paragraphs, the Company will execute and the Trustee or its agent will authenticate and deliver individual Debt Securities. Upon the exchange of the entire principal amount of a Global Security for individual Debt Securities, such Global Security shall be canceled by the Trustee or its agent. Except as provided in the preceding paragraph, Debt Securities issued in exchange for a Global Security pursuant to this Section 2.15 shall be registered in such names and in such authorized denominations as the Depository for such Global Security, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee or the Registrar. The Trustee or the Registrar shall deliver such Debt Securities to the Persons in whose names such Debt Securities are so registered.

(v) Payments in respect of the principal of and interest on any Debt Securities registered in the name of the Depository or its nominee will be payable to the Depository or such nominee in its capacity as the registered owner of such Global Security. The Company and the Trustee may treat the Person in whose name the Debt Securities, including the Global Security, are registered as the owner thereof for the purpose of receiving such payments and for any and all other purposes whatsoever. None of the Company, the Trustee, any Registrar, the paying agent or any agent of the Company or the Trustee will have any responsibility or liability for any aspect of the records relating to or payments made on account of the beneficial ownership interests of the Global Security by the Depository or its nominee or any of the Depository's direct or indirect participants, or for maintaining, supervising or reviewing any records of the Depository, its nominee or any of its direct or indirect participants relating to the beneficial ownership interests of the Global Security, the payments to the beneficial owners of the Global Security of amounts paid to the Depository or its nominee, or any other matter relating to the actions and practices of the Depository, its nominee or any of its direct or indirect participants. None of the Company, the Trustee or any such agent will be liable for any delay by the Depository, its nominee, or any of its direct or indirect participants in identifying the beneficial owners of the Debt Securities, and the Company and the Trustee may conclusively rely on, and will be protected in relying on, instructions from the Depository or its nominee for all purposes (including with respect to the registration and delivery, and the respective principal amounts, of the Debt Securities to be issued).

Section 2.16. Medium Term Securities. Notwithstanding any contrary provision herein, if all Debt Securities of a series are not to be originally issued at one time, it shall not be necessary for the Company to deliver to the Trustee an Officers' Certificate, resolutions of the Board of Directors, supplemental Indenture, Opinion of Counsel or written order or any other document otherwise required pursuant to Section 2.01, 2.03, 2.05 or 13.05 at or prior to the time of authentication of each Debt Security of such series if such documents are delivered to the Trustee or its agent at or prior to the authentication upon original issuance of the first such Debt Security of such series to be issued; provided, that any subsequent request by the Company to the Trustee to authenticate Debt Securities of such series upon original issuance shall constitute a representation and warranty by the Company that, as of the date of such request, the statements made in the Officers' Certificate delivered pursuant to Section 2.05 or 13.05 shall be true and correct as if made on such date and that the Opinion of Counsel delivered at or prior to such time of authentication of an original issuance of Debt Securities shall specifically state that it shall

relate to all subsequent issuances of Debt Securities of such series that are identical to the Debt Securities issued in the first issuance of Debt Securities of such series.

A Company Order delivered by the Company to the Trustee in the circumstances set forth in the preceding paragraph, may provide that Debt Securities which are the subject thereof will be authenticated and delivered by the Trustee or its agent on original issue from time to time upon the telephonic or written order of Persons designated in such written order (any such telephonic instructions to be promptly confirmed in writing by such Person) and that such Persons are authorized to determine, consistent with the Officers' Certificate, supplemental Indenture or resolution of the Board of Directors relating to such written order, such terms and conditions of such Debt Securities as are specified in such Officers' Certificate, supplemental Indenture or such resolution.

Section 2.17. Defaulted Interest. Any interest on any Debt Security of a particular series which is payable, but is not punctually paid or duly provided for, on the dates and in the manner provided in the Debt Securities of such series and in this Indenture (herein called "Defaulted Interest") shall forthwith cease to be payable to the Holder thereof on the relevant record date by virtue of having been such Holder, and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in clause (i) or (ii) below:

(i) The Company may elect to make payment of any Defaulted Interest to the Persons in whose names the Debt Securities of such series are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner. The Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Debt Security of such series and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon the Trustee shall fix a special record date for the payment of such Defaulted Interest which shall be not more than 15 days and not less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such special record date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the special record date therefor to be mailed, first class postage pre-paid, to each Holder thereof at its address as it appears in the Debt Security Register, not less than 10 days prior to such special record date. Notice of the proposed payment of such Defaulted Interest and the special record date therefor having been so mailed, such Defaulted Interest shall be paid to the Persons in whose names the Debt Securities of such series are registered at the close of business on such special record date.

(ii) The Company may make payment of any Defaulted Interest on the Debt Securities of such series in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Debt Securities of such series may

be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Section 2.18. CUSIP Numbers. The Company in issuing the Debt Securities may use "CUSIP" numbers (if then generally in use), and, if so, the Trustee shall use "CUSIP" numbers in notices of redemption as a convenience to Holders; provided that any such notice may state that no representation is made as to the accuracy of such numbers either as printed on the Debt Securities or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Debt Securities, and any such redemption shall not be affected by any defect in or omission of such numbers. The Company will promptly notify the Trustee in writing of any change in the "CUSIP" numbers.

ARTICLE III REDEMPTION OF DEBT SECURITIES

Section 3.01. Applicability of Article. The provisions of this Article shall be applicable to the Debt Securities of any series which are redeemable before their Stated Maturity except as otherwise specified as contemplated by Section 2.03 for Debt Securities of such series.

Section 3.02. Notice of Redemption; Selection of Debt Securities. In case the Company shall desire to exercise the right to redeem all or, as the case may be, any part of the Debt Securities of any series in accordance with their terms, by resolution of the Board of Directors or a supplemental Indenture, the Company shall fix a date for redemption and shall give notice of such redemption at least 30 and not more than 60 days prior to the date fixed for redemption to the Holders of Debt Securities of such series so to be redeemed as a whole or in part, in the manner provided in Section 13.03. The notice if given in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the Holder receives such notice. In any case, failure to give such notice or any defect in the notice to the Holder of any Debt Security of a series designated for redemption as a whole or in part shall not affect the validity of the proceedings for the redemption of any other Debt Security of such series.

Each such notice of redemption shall specify the date fixed for redemption, the redemption price at which Debt Securities of such series are to be redeemed (or the method of calculating such redemption price), the Place or Places of Payment that payment will be made upon presentation and surrender of such Debt Securities, that any interest accrued to the date fixed for redemption will be paid as specified in said notice, that the redemption is for a sinking fund payment (if applicable), that, unless otherwise specified in such notice, that, if the Company defaults in making such redemption payment, the paying agent is prohibited from making such payment pursuant to the terms of this Indenture, that on and after said date any interest thereon or on the portions thereof to be redeemed will cease to accrue, that in the case of Original Issue Discount Securities original issue discount accrued after the date fixed for redemption will cease to accrue, the terms of the Debt Securities of that series pursuant to which the Debt Securities of that series are being redeemed and that no representation is made as to the correctness or accuracy of the CUSIP number, if any, listed in such notice or printed on the Debt Securities of that series. If less than all the Debt Securities of a series are to be redeemed the notice of redemption shall specify the certificate numbers of the Debt Securities of that series to be

redeemed. In case any Debt Security of a series is to be redeemed in part only, the notice of redemption shall state the portion of the principal amount thereof to be redeemed and shall state that on and after the date fixed for redemption, upon surrender of such Debt Security, a new Debt Security or Debt Securities of that series in principal amount equal to the unredeemed portion thereof, will be issued.

At least 45 days but not more than 60 days before the Redemption Date unless the Trustee consents to a shorter period, the Company shall give written notice to the Trustee of the Redemption Date, the principal amount of Debt Securities to be redeemed and the series and terms of the Debt Securities pursuant to which such redemption will occur. Such notice shall be accompanied by an Officers' Certificate and an Opinion of Counsel from the Company to the effect that such redemption will comply with the conditions herein. If fewer than all the Debt Securities of a series are to be redeemed, the record date relating to such redemption shall be selected by the Company and given in writing to the Trustee, which record date shall be not less than 15 days after the date of notice to the Trustee.

By 11 a.m., New York City time, on the Redemption Date for any Debt Securities, the Company shall deposit with the Trustee or with a paying agent (or, if the Company is acting as its own paying agent, segregate and hold in trust) an amount of money in Dollars (except as provided pursuant to Section 2.03) sufficient to pay the redemption price of such Debt Securities or any portions thereof that are to be redeemed on that date, together with any interest accrued to the Redemption Date.

If less than all the Debt Securities of like tenor and terms of a series are to be redeemed (other than pursuant to mandatory sinking fund redemptions) the Trustee shall select, on a pro rata basis, by lot or by such other method as in its sole discretion it shall deem appropriate and fair, the Debt Securities of that series or portions thereof (in multiples of \$1,000) to be redeemed. In any case where more than one Debt Security of such series is registered in the same name, the Trustee in its discretion may treat the aggregate principal amount so registered as if it were represented by one Debt Security of such series. The Trustee shall promptly notify the Company in writing of the Debt Securities selected for redemption and, in the case of any Debt Securities selected for partial redemption, the principal amount thereof to be redeemed. If any Debt Security called for redemption shall not be so paid upon surrender thereof on such Redemption Date, the principal, premium, if any, and interest shall bear interest until paid from the Redemption Date at the rate borne by the Debt Securities of that series. If less than all the Debt Securities of unlike tenor and terms of a series are to be redeemed, the particular Debt Securities to be redeemed shall be selected by the Company. Provisions of this Indenture that apply to Debt Securities called for redemption also apply to portions of Debt Securities called for redemption.

Section 3.03. Payment of Debt Securities Called for Redemption. If notice of redemption has been given as provided in Section 3.02, the Debt Securities or portions of Debt Securities of the series with respect to which such notice has been given shall become due and payable on the date and at the Place or Places of Payment stated in such notice at the applicable redemption price, together with any interest accrued to the date fixed for redemption, and on and after said date (unless the Company shall default in the payment of such Debt Securities at the applicable redemption price, together with any interest accrued to said date) any interest on the

Debt Securities or portions of Debt Securities of any series so called for redemption shall cease to accrue, any original issue discount in the case of Original Issue Discount Securities shall cease to accrue. On presentation and surrender of such Debt Securities at the Place or Places of Payment in said notice specified, the said Debt Securities or the specified portions thereof shall be paid and redeemed by the Company at the applicable redemption price, together with any interest accrued thereon to the date fixed for redemption.

Any Debt Security that is to be redeemed only in part shall be surrendered at the corporate trust office or such other office or agency of the Company as is specified pursuant to Section 2.03 with, if the Company, the Registrar or the Trustee so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the Company, the Registrar and the Trustee duly executed by, the Holder thereof or his attorney duly authorized in writing, and the Company shall execute, and the Trustee shall authenticate and deliver to the Holder of such Debt Security without service charge, a new Debt Security or Debt Securities of the same series, of like tenor and form, of any authorized denomination as requested by such Holder in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Debt Security so surrendered; except that if a Global Security is so surrendered, the Company shall execute, and the Trustee shall authenticate and deliver to the Depository for such Global Security, without service charge, a new Global Security in a denomination equal to and in exchange for the unredeemed portion of the principal of the Global Security so surrendered. In the case of a Debt Security providing appropriate space for such notation, at the option of the Holder thereof, the Trustee, in lieu of delivering a new Debt Security or Debt Securities as aforesaid, may make a notation on such Debt Security of the payment of the redeemed portion thereof.

Section 3.04. Mandatory and Optional Sinking Funds. The minimum amount of any sinking fund payment provided for by the terms of Debt Securities of any series, resolution of the Board of Directors or a supplemental Indenture is herein referred to as a "mandatory sinking fund payment," and any payment in excess of such minimum amount provided for by the terms of Debt Securities of any series, resolution of the Board of Directors or a supplemental Indenture is herein referred to as an "optional sinking fund payment."

In lieu of making all or any part of any mandatory sinking fund payment with respect to any Debt Securities of a series in cash, the Company may at its option (a) deliver to the Trustee Debt Securities of that series theretofore purchased or otherwise acquired by the Company or (b) receive credit for the principal amount of Debt Securities of that series which have been redeemed either at the election of the Company pursuant to the terms of such Debt Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Debt Securities, resolution or supplemental Indenture; provided, that such Debt Securities have not been previously so credited. Such Debt Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Debt Securities, resolution or supplemental Indenture for redemption through operation of the sinking fund and the amount of such mandatory sinking fund payment shall be reduced accordingly.

Section 3.05. Redemption of Debt Securities for Sinking Fund. Not less than 60 days prior to each sinking fund payment date for any series of Debt Securities, the Company will deliver to the Trustee an Officers' Certificate specifying the amount of the next ensuing sinking

fund payment for that series pursuant to the terms of that series, any resolution or supplemental Indenture, the portion thereof, if any, which is to be satisfied by payment of cash and the portion thereof, if any, which is to be satisfied by delivering and crediting Debt Securities of that series pursuant to this Section 3.05 (which Debt Securities, if not previously redeemed, will accompany such certificate) and whether the Company intends to exercise its right to make any permitted optional sinking fund payment with respect to such series. Such certificate shall also state that no Event of Default has occurred and is continuing with respect to such series. Such certificate shall be irrevocable and upon its delivery the Company shall be obligated to make the cash payment or payments therein referred to, if any, by 11 a.m., New York City time, on the next succeeding sinking fund payment date. Failure of the Company to deliver such certificate (or to deliver the Debt Securities specified in this paragraph) shall not constitute a Default, but such failure shall require that the sinking fund payment due on the next succeeding sinking fund payment date for that series shall be paid entirely in cash and shall be sufficient to redeem the principal amount of such Debt Securities subject to a mandatory sinking fund payment without the option to deliver or credit Debt Securities as provided in this Section 3.05 and without the right to make any optional sinking fund payment, if any, with respect to such series.

Any sinking fund payment or payments (mandatory or optional) made in cash plus any unused balance of any preceding sinking fund payments made in cash which shall equal or exceed \$100,000 (or a lesser sum if the Company shall so request) with respect to the Debt Securities of any particular series shall be applied by the Trustee on the sinking fund payment date on which such payment is made (or, if such payment is made before a sinking fund payment date, on the sinking fund payment date following the date of such payment) to the redemption of such Debt Securities at the redemption price specified in such Debt Securities, resolution or supplemental Indenture for operation of the sinking fund together with any accrued interest to the date fixed for redemption. Any sinking fund moneys not so applied or allocated by the Trustee to the redemption of Debt Securities shall be added to the next cash sinking fund payment received by the Trustee for such series and, together with such payment, shall be applied in accordance with the provisions of this Section 3.05. Any and all sinking fund moneys with respect to the Debt Securities of any particular series held by the Trustee on the last sinking fund payment date with respect to Debt Securities of such series and not held for the payment or redemption of particular Debt Securities shall be applied by the Trustee, together with other moneys, if necessary, to be deposited sufficient for the purpose, to the payment of the principal of the Debt Securities of that series at its Stated Maturity.

The Trustee shall select the Debt Securities to be redeemed upon such sinking fund payment date in the manner specified in the last paragraph of Section 3.02 and the Company shall cause notice of the redemption thereof to be given in the manner provided in Section 3.02 except that the notice of redemption shall also state that the Debt Securities are being redeemed by operation of the sinking fund. Such notice having been duly given, the redemption of such Debt Securities shall be made upon the terms and in the manner stated in Section 3.03.

The Trustee shall not redeem any Debt Securities of a series with sinking fund moneys or mail any notice of redemption of such Debt Securities by operation of the sinking fund for such series during the continuance of a Default in payment of interest on such Debt Securities or of any Event of Default (other than an Event of Default occurring as a consequence of this paragraph) with respect to such Debt Securities, except that if the notice of redemption of any

such Debt Securities shall theretofore have been mailed in accordance with the provisions hereof, the Trustee shall redeem such Debt Securities if cash sufficient for that purpose shall be deposited with the Trustee for that purpose in accordance with the terms of this Article III. Except as aforesaid, any moneys in the sinking fund for such series at the time when any such Default or Event of Default shall occur and any moneys thereafter paid into such sinking fund shall, during the continuance of such Default or Event of Default, be held as security for the payment of such Debt Securities; provided, however, that in case such Default or Event of Default or Default shall have been cured or waived as provided herein, such moneys shall thereafter be applied on the next sinking fund payment date for such Debt Securities on which such moneys may be applied pursuant to the provisions of this Section 3.05.

ARTICLE IV
PARTICULAR COVENANTS OF THE COMPANY

Section 4.01. Payment of Principal of, and Premium, If Any, and Interest on, Debt Securities. The Company shall pay the principal of, premium, if any, and interest on, each series of Debt Securities on the dates and in the manner provided in the Debt Securities and this Indenture. Principal, premium and interest shall be considered paid on the date due if the Trustee or Paying Agent holds on that date money deposited by the Company designated for and sufficient to pay all principal, premium and interest then due. Each installment of interest on the Debt Securities may at the Company's option be paid by mailing checks for such interest payable to the Person entitled thereto pursuant to Section 2.07(a) to the address of such Person as it appears on the Debt Security Register.

The Company shall pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue principal, and premium, if any, at the rate borne by the Debt Securities to the extent lawful; and it shall pay interest (including post-petition interest in any proceeding under any Bankruptcy Law) on overdue installments of interest (without regard to any applicable grace period) at the same rate to the extent lawful.

Section 4.02. Maintenance of Offices or Agencies for Registration of Transfer, Exchange and Payment of Debt Securities. The Company will maintain in the Borough of Manhattan, The City of New York, an office or agency where any series of Debt Securities may be surrendered for registration of transfer or exchange or for presentation for payment and where notices and demands to or upon the Company in respect of the Debt Securities and this Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the address of the Trustee set forth in Section 13.03. If at any time the Company shall fail to maintain any required office or agency or shall fail to furnish the Trustee with the address thereof, such surrenders, presentations, notices and demands may be made or served at the corporate trust office of the Trustee.

The Company may also from time to time designate one or more other offices or agencies where a series of Debt Securities may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; provided, that no such designation or

rescission shall in any manner relieve the Company of its obligation to maintain an office or agency in the Borough of Manhattan, The City of New York, for such purposes. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

Section 4.03. Appointment to Fill a Vacancy in the Office of Trustee. The Company, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.08, a Trustee, so that there shall at all times be a Trustee hereunder with respect to each series of Debt Securities.

Section 4.04. Duties of Paying Agents, etc. The Company shall cause each paying agent, if any, other than the Trustee, to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section 4.04,

(i) that it will hold all sums held by it as such agent for the payment of the principal of, and premium, if any, or interest on, the Debt Securities of any series (whether such sums have been paid to it by the Company or by any other obligor on the Debt Securities of such series) in trust for the benefit of the Holders of the Debt Securities of such series;

(ii) that it will give the Trustee notice of any failure by the Company (or by any other obligor on the Debt Securities of such series) to make any payment of the principal of, and premium, if any, or interest on, the Debt Securities of such series when the same shall be due and payable; and

(iii) that it will at any time during the continuance of an Event of Default, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held by it as such agent.

(b) If the Company shall act as its own paying agent, it will, on or before each due date of the principal of, and premium, if any, or interest on, the Debt Securities of any series, set aside, segregate and hold in trust for the benefit of the Holders of the Debt Securities of such series a sum sufficient to pay such principal, premium, if any, or interest so becoming due. The Company will promptly notify the Trustee of any failure by the Company to take such action or the failure by any other obligor on such Debt Securities to make any payment of the principal of, and premium, if any, or interest on, such Debt Securities when the same shall be due and payable.

(c) Anything in this Section 4.04 to the contrary notwithstanding, the Company may, at any time, for the purpose of obtaining a satisfaction and discharge of this Indenture, or for any other reason, pay or cause to be paid to the Trustee all sums held in trust by it or any paying agent, as required by this Section 4.04, such sums to be held by the Trustee upon the same trusts as those upon which such sums were held by the Company or such paying agent.

(d) Whenever the Company shall have one or more paying agents with respect to any series of Debt Securities, it will, prior to each due date of the principal of, and premium, if any, or interest on, any Debt Securities of such series, deposit with any such paying agent a sum sufficient to pay the principal, premium or interest so becoming due, such sum to be held in trust

for the benefit of the Persons entitled thereto, and (unless any such paying agent is the Trustee) the Company will promptly notify the Trustee of its action or failure so to act.

(e) Anything in this Section 4.04 to the contrary notwithstanding, the agreement to hold sums in trust as provided in this Section 4.04 is subject to the provisions of Section 11.05.

Section 4.05. SEC Reports; Financial Statements.

(a) For so long as any series of Debt Securities is outstanding, the Company, within 15 days after it files the same with the SEC, shall deliver to Holders, copies of the annual reports and the information, documents and other reports (or copies of any such portions of any of the foregoing as the SEC may by rules and regulations prescribe) that the Company is required to file with the SEC pursuant to Section 13 or 15(d) of the Exchange Act. Notwithstanding that the Company may not be required to remain subject to the reporting requirements of Section 13 or 15(d) of the Exchange Act, the Company shall file with the SEC and provide Holders with such annual reports and such information, documents and other reports specified in Sections 13 and 15(d) of the Exchange Act. The Company and each Subsidiary Guarantor shall also comply with the provisions of TIA Section 314(a).

(b) The Company may request the Trustee on behalf of the Company at the Company's expense to mail the foregoing to Holders. In such case, the Company shall provide the Trustee with a sufficient number of copies of all reports and other documents and information that the Trustee may be required to deliver to Holders under this Section.

Section 4.06. Compliance Certificate.

(a) The Company shall, so long as any series of Debt Securities is outstanding, deliver to the Trustee, within 90 days after the end of each fiscal year of the Company, an Officers' Certificate stating that a review of the activities of the Company and the Subsidiaries during the preceding fiscal year has been made under the supervision of the signing Officers with a view to determining whether the Company has kept, observed, performed and fulfilled its obligations under this Indenture, and further stating, as to each such Officer signing such certificate, that, to the best of such Officer's knowledge, the Company and each Subsidiary Guarantor has kept, observed, performed and fulfilled each and every covenant contained in this Indenture and is not in default in the performance or observance of any of the terms, provisions and conditions hereof (or, if a Default or Event of Default shall have occurred, describing all such Defaults or Events of Default of which such Officer may have knowledge and what action the Company is taking or proposes to take with respect thereto) and that to the best of such Officer's knowledge, after reasonable inquiry, no event has occurred and remains in existence by reason of which payments on account of the principal of, premium, if any, or interest, if any, on the Debt Securities are prohibited or, if such event has occurred, a description of the event and what action the Company and the Subsidiary Guarantors are taking or propose to take with respect thereto. Such Officers' Certificate shall comply with TIA Section 314(a)(4). The Company hereby covenants that it shall notify the Trustee at least 30 days in advance of any change in its fiscal year.

(b) The Company and the Subsidiary Guarantors will, so long as any series of Debt Securities are outstanding, deliver to the Trustee forthwith upon any Officer becoming aware of any Default or Event of Default or default in the performance of any covenant, agreement or condition contained in this Indenture, an Officers' Certificate specifying such Default or Event of Default and what action the Company or any Subsidiary Guarantor proposes to take with respect thereto.

Section 4.07. Further Instruments and Acts. The Company will, upon request of the Trustee, execute and deliver such further instruments and do such further acts as may reasonably be necessary or proper to carry out more effectually the purposes of this Indenture.

Section 4.08. Existence. Except as permitted by Article X hereof, the Company will do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence and the corporate, partnership or other existence of each Subsidiary and all rights (charter and statutory) and franchises of the Company and the Subsidiaries; provided, that the Company shall not be required to preserve the corporate existence of any Subsidiary, or any such right or franchise, if the Company shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company and that the loss thereof is not disadvantageous in any material respect to the Holders.

Section 4.09. Maintenance of Properties.

(a) The Company shall cause all properties used or held for use in the conduct of its business or the business of any Subsidiary to be maintained and kept in good condition, repair and working order (ordinary wear and tear excepted) and supplied with all necessary equipment and shall cause to be made all necessary repairs, renewals, replacements, betterments and improvements thereof, all as in the judgment of the Company may be necessary so that the business carried on in connection therewith may be properly and advantageously conducted at all times; provided, however, that nothing in this Section shall prevent the Company from discontinuing the operation or maintenance of any such property, or disposing of it, if such discontinuance or disposal is, in the judgment of the Company, desirable in the conduct of its business and not disadvantageous in any material respect to the Holders.

(b) The Company shall provide or cause to be provided, for itself and each of its Subsidiaries, insurance (including appropriate self-insurance) against loss or damage of the kinds that, in the reasonable, good faith opinion of the Company, are adequate and appropriate for the conduct of the business of the Company and such Subsidiaries in a prudent manner, with reputable insurers or with the government of the United States or an agency or instrumentality thereof, in such amounts, with such deductibles, and by such methods as shall be customary, in the reasonable, good faith opinion of the Company, for corporations similarly situated in the industry.

Section 4.10. Payment of Taxes and Other Claims. The Company shall pay or discharge or cause to be paid or discharged, before the same shall become delinquent, (a) all taxes, assessments and governmental charges levied or imposed upon the Company or any Subsidiary or upon the income, profits or property of the Company or any Subsidiary and (b) all lawful claims for labor, materials and supplies which, if unpaid, might by law become a Lien

upon the property of the Company or any Subsidiary; provided, however, that the Company shall not be required to pay or discharge or cause to be paid or discharged any such tax, assessment, charge or claim whose amount, applicability or validity is being contested in good faith by appropriate proceedings.

Section 4.11. Waiver of Certain Covenants. The Company and the Subsidiary Guarantors may, with respect to the Debt Securities of any series, omit in any particular instance to comply with any term, provision or condition set forth in this Article IV (except Sections 4.01 through 4.08) if, before or after the time for such compliance, the Holders of at least a majority in principal amount of the Outstanding Debt Securities of each series affected, waive such compliance in such instance with such term, provision or condition, but no such waiver shall extend to or affect such term, provision or condition except to the extent so expressly waived, and, until such waiver shall become effective, the obligations of the Company and the Subsidiary Guarantors and the duties of the Trustee in respect of any such term, provision or condition shall remain in full force and effect.

Section 4.12. Waiver of Stay, Extension or Usury Laws. The Company and each Subsidiary Guarantor covenants (to the extent that each may lawfully do so) that it will not at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension, or usury law or other law, which would prohibit or forgive the Company or any Subsidiary Guarantor from paying all or any portion of the principal of, premium, if any, or interest on any series of Debt Securities as contemplated herein and by the terms of such Debt Security, wherever enacted, now or at any time hereafter in force, or which may affect the covenants or the performance of this Indenture; and (to the extent that it may lawfully do so) each of the Company and the Subsidiary Guarantors hereby expressly waives all benefit or advantage of any such law, and covenants that it will not hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

ARTICLE V HOLDERS' LISTS AND REPORTS BY THE TRUSTEE

Section 5.01. Company to Furnish Trustee Information as to Names and Addresses of Holders; Preservation of Information. The Company covenants and agrees that it will furnish or cause to be furnished to the Trustee with respect to the Debt Securities of each series:

(a) not more than 10 days after each record date with respect to the payment of interest, if any, a list, in such form as the Trustee may reasonably require, of the names and addresses of the Holders as of such record date, and

(b) at such other times as the Trustee may request in writing, within 30 days after the receipt by the Company of any such request, a list of similar form and contents as of a date not more than 15 days prior to the time such list is furnished;

provided, however, that so long as the Trustee shall be the Registrar, such lists shall not be required to be furnished.

The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the Holders (i) contained in the most recent list furnished to it as provided in this Section 5.01 or (ii) received by it in the capacity of paying agent or Registrar (if so acting) hereunder.

The Trustee may destroy any list furnished to it as provided in this Section 5.01 upon receipt of a new list so furnished.

Section 5.02. Communications to Holders. Holders may communicate pursuant to Section 312(b) of the TIA with other Holders with respect to their rights under this Indenture or the Debt Securities. The Company, the Trustee, the Registrar and anyone else shall have the protection of Section 312(c) of the TIA.

Section 5.03. Reports by Trustee. Within 60 days after each January 31, beginning with the first January 31 following the date of this Indenture, and in any event on or before April 1 in each year, the Trustee shall mail to Holders a brief report dated as of such January 31 that complies with TIA Section 313 (a); provided, however, that if no event described in TIA Section 313 (a) has occurred within the twelve months preceding the reporting date, no report need be transmitted. The Trustee also shall comply with TIA Section 313 (b).

Reports pursuant to this Section 5.03 shall be transmitted by mail:

(a) to all Holders, as the names and addresses of such Holders appear in the Debt Security Register; and

(b) except in the cases of reports under Section 313(b)(2) of the TIA, to each Holder of a Debt Security of any series whose name and address appear in the information preserved at the time by the Trustee in accordance with Section 5.01.

A copy of each report at the time of its mailing to Holders shall be filed with the Securities and Exchange Commission and each stock exchange (if any) on which the Debt Securities of any series are listed. The Company agrees to notify promptly the Trustee whenever the Debt Securities of any series become listed on any stock exchange and of any delisting thereof.

Section 5.04. Record Dates for Action by Holders. If the Company shall solicit from the Holders of Debt Securities of any series any action (including the making of any demand or request, the giving of any direction, notice, consent or waiver or the taking of any other action), the Company may, at its option, by resolution of the Board of Directors, fix in advance a record date for the determination of Holders of Debt Securities entitled to take such action, but the Company shall have no obligation to do so. Any such record date shall be fixed at the Company's discretion. If such a record date is fixed, such action may be sought or given before or after the record date, but only the Holders of Debt Securities of record at the close of business on such record date shall be deemed to be Holders of Debt Securities for the purpose of determining whether Holders of the requisite proportion of Debt Securities of such series Outstanding have authorized or agreed or consented to such action, and for that purpose the Debt Securities of such series Outstanding shall be computed as of such record date.

ARTICLE VI
REMEDIES OF THE TRUSTEE AND HOLDERS IN EVENT OF DEFAULT

Section 6.01. Events of Default. If any one or more of the following shall have occurred and be continuing with respect to Debt Securities of any series (each of the following, an "Event of Default"):

(a) default in the payment of any installment of interest upon any Debt Securities of that series as and when the same shall become due and payable, and continuance of such default for a period of 30 days; or

(b) default in the payment of the principal of or premium, if any, on any Debt Securities of that series as and when the same shall become due and payable, whether at Stated Maturity, upon redemption, by declaration, upon required repurchase or otherwise; or

(c) default in the payment of any sinking fund payment with respect to any Debt Securities of that series as and when the same shall become due and payable; or

(d) failure on the part of the Company, or if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, any of the Subsidiary Guarantors, duly to observe or perform any other of the covenants or agreements on the part of the Company, or if applicable, any of the Subsidiary Guarantors, in the Debt Securities of that series, in any resolution of the Board of Directors authorizing the issuance of that series of Debt Securities, in this Indenture with respect to such series or in any supplemental Indenture with respect to such series (other than a covenant a default in the performance of which is elsewhere in this Section specifically dealt with), continuing for a period of 60 days after the date on which written notice specifying such failure and requiring the Company, or if applicable, the Subsidiary Guarantor, to remedy the same shall have been given, by registered or certified mail, to the Company, or if applicable, the Subsidiary Guarantor, by the Trustee or to the Company, or if applicable, the Subsidiary Guarantor, and the Trustee by the Holders of at least 25% in aggregate principal amount of the Debt Securities of that series at the time Outstanding; or

(e) the Company, or if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, any of the Subsidiary Guarantors, pursuant to or within the meaning of any Bankruptcy Law,

(i) commences a voluntary case,

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

(iii) consents to the appointment of a Custodian of it or for all or substantially all of its property; or

(iv) makes a general assignment for the benefit of its creditors;

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

(i) is for relief against the Company, or if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, any of the Subsidiary Guarantors, as debtor in an involuntary case,

(ii) appoints a Custodian of the Company, or if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, any of the Subsidiary Guarantors, or a Custodian for all or substantially all of the property of the Company, or if applicable, any of the Subsidiary Guarantors, or

(iii) orders the liquidation of the Company, or if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, any of the Subsidiary Guarantors, and the order or decree remains unstayed and in effect for 60 days;

(g) if any series of Debt Securities Outstanding under this Indenture is entitled to the benefits of a Guarantee, the Guarantee of any of the Subsidiary Guarantors ceases to be in full force and effect with respect to Debt Securities of that series (except as otherwise provided in this Indenture) or is declared null and void in a judicial proceeding or any of the Subsidiary Guarantors denies or disaffirms its obligations under this Indenture or such Guarantee; or

(h) any other Event of Default provided with respect to Debt Securities of that series; then and in each and every case that an Event of Default described in clause (a), (b), (c), (d), (g), or (h) with respect to Debt Securities of that series at the time Outstanding occurs and is continuing, unless the principal of, premium, if any, and interest on all the Debt Securities of that series shall have already become due and payable, either the Trustee or the Holders of not less than 25% in aggregate principal amount of the Debt Securities of that series then Outstanding hereunder, by notice in writing to the Company (and to the Trustee if given by Holders), may declare the principal of (or, if the Debt Securities of that series are Original Issue Discount Debt Securities, such portion of the principal amount as may be specified in the terms of that series), premium, if any, and interest on all the Debt Securities of that series to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Indenture or in the Debt Securities of that series contained to the contrary notwithstanding. If an Event of Default described in clause (e) or (f) occurs, then and in each and every such case, unless the principal of and interest on all the Debt Securities shall have become due and payable, the principal of (or, if any Debt Securities are Original Issue Discount Debt Securities, such portion of the principal amount as may be specified in the terms thereof), premium, if any, and interest on all the Debt Securities then Outstanding hereunder shall ipso facto become and be immediately due and payable without any declaration or other act on the part of the Trustee or any Holders, anything in this Indenture or in the Debt Securities contained to the contrary notwithstanding.

The Holders of a majority in aggregate principal amount of the Debt Securities of a particular series by written notice to the Trustee may waive all past Defaults (except with respect to the nonpayment of principal, premium, if any, or interest) and rescind an acceleration and its consequences if the rescission would not conflict with any judgment or decree of a court of competent jurisdiction already rendered and if all existing Events of Default have been cured or

waived except nonpayment of principal, premium, if any, or interest that has become due solely because of acceleration. Upon any such rescission, the parties hereto shall be restored respectively to their several positions and rights hereunder, and all rights, remedies and powers of the parties hereto shall continue as though no such proceeding had been taken.

Section 6.02. Collection of Debt by Trustee, etc. If an Event of Default occurs and is continuing, the Trustee, in its own name and as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid or enforce the performance of any provision of the Debt Securities of the affected series or this Indenture, and may prosecute any such action or proceedings to judgment or final decree, and may enforce any such judgment or final decree against the Subsidiary Guarantors or the Company or any other obligor upon the Debt Securities of such series (and collect in the manner provided by law out of the property of the Subsidiary Guarantors or the Company or any other obligor upon the Debt Securities of such series wherever situated the moneys adjudged or decreed to be payable).

In case there shall be pending proceedings for the bankruptcy or for the reorganization of the Subsidiary Guarantors or the Company or any other obligor upon the Debt Securities of any series under Bankruptcy Law, or in case a Custodian shall have been appointed for its property, or in case of any other similar judicial proceedings relative to the Subsidiary Guarantors or the Company or any other obligor upon the Debt Securities of any series, its creditors or its property, the Trustee, irrespective of whether the principal of Debt Securities of any series shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand pursuant to the provisions of this Section 6.02, shall be entitled and empowered, by intervention in such proceedings or otherwise, to file and prove a claim or claims for the whole amount of principal, premium, if any, and interest (or, if the Debt Securities of such series are Original Issue Discount Debt Securities, such portion of the principal amount as may be specified in the terms of such series) owing and unpaid in respect of the Debt Securities of such series, and to file such other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for reasonable compensation to the Trustee, its agents, attorneys and counsel, and for reimbursement of all expenses and liabilities incurred, and all advances made, by the Trustee except as a result of its negligence or bad faith) and of the Holders thereof allowed in any such judicial proceedings relative to the Subsidiary Guarantors or the Company, or any other obligor upon the Debt Securities of such series, its creditors or its property, and to collect and receive any moneys or other property payable or deliverable on any such claims, and to distribute all amounts received with respect to the claims of such Holders and of the Trustee on their behalf, and any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of such Holders to make payments to the Trustee, and, in the event that the Trustee shall consent to the making of payments directly to such Holders, to pay to the Trustee such amount as shall be sufficient to cover reasonable compensation to the Trustee, its agents, attorneys and counsel, and all other reasonable expenses and liabilities incurred, and all advances made, by the Trustee except as a result of its negligence or bad faith.

All rights of action and of asserting claims under this Indenture, or under any of the Debt Securities of any series, may be enforced by the Trustee without the possession of any such Debt Securities, or the production thereof in any trial or other proceedings relative thereto, and any

such action or proceedings instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment (except for any amounts payable to the Trustee pursuant to Section 7.06) shall be for the ratable benefit of the Holders of all the Debt Securities in respect of which such action was taken.

In case of an Event of Default hereunder the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in this Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

Section 6.03. Application of Moneys Collected by Trustee. Any moneys or other property collected by the Trustee pursuant to Section 6.02 with respect to Debt Securities of any series shall be applied, in the order following, at the date or dates fixed by the Trustee for the distribution of such moneys or other property, upon presentation of the several Debt Securities of such series in respect of which moneys or other property have been collected, and the notation thereon of the payment, if only partially paid, and upon surrender thereof if fully paid:

FIRST: To the payment of all money due the Trustee pursuant to Section 7.06;

SECOND: In case the principal of the Outstanding Debt Securities in respect of which such moneys have been collected shall not have become due, to the payment of interest on the Debt Securities of such series in the order of the maturity of the installments of such interest, with interest (to the extent that such interest has been collected by the Trustee) upon the overdue installments of interest at the rate or Yield to Maturity (in the case of Original Issue Discount Debt Securities) borne by the Debt Securities of such series, such payments to be made ratably to the Persons entitled thereto, without discrimination or preference;

THIRD: In case the principal of the Outstanding Debt Securities in respect of which such moneys have been collected shall have become due, by declaration or otherwise, to the payment of the whole amount then owing and unpaid upon the Debt Securities of such series for principal and premium, if any, and interest, with interest on the overdue principal and premium, if any, and (to the extent that such interest has been collected by the Trustee) upon overdue installments of interest at the rate or Yield to Maturity (in the case of Original Issue Discount Debt Securities) borne by the Debt Securities of such series; and, in case such moneys shall be insufficient to pay in full the whole amount so due and unpaid upon the Debt Securities of such series, then to the payment of such principal and premium, if any, and interest, without preference or priority of principal and premium, if any, over interest, or of interest over principal and premium, if any, or of any installment of interest over any other installment of interest, or of any Debt Security of such series over any Debt Security of such series, ratably to the aggregate of such principal and premium, if any, and interest; and

FOURTH: The remainder, if any, shall be paid to the Subsidiary Guarantors or the Company, as applicable, its successors or assigns, or to whomsoever may be lawfully entitled to receive the same, or as a court of competent jurisdiction may direct.

The Trustee may fix a record date and payment date for any payment to Holders pursuant to this Section 6.03. At least 15 days before such record date, the Company shall mail to each Holder and the Trustee a notice that states the record date, the payment date and amount to be paid.

Section 6.04. Limitation on Suits by Holders. No Holder of any Debt Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any action or proceeding at law or in equity or in bankruptcy or otherwise, upon or under or with respect to this Indenture, or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless such Holder previously shall have given to the Trustee written notice of an Event of Default with respect to Debt Securities of that same series and of the continuance thereof and unless the Holders of not less than 25% in aggregate principal amount of the Outstanding Debt Securities of that series shall have made written request upon the Trustee to institute such action or proceedings in respect of such Event of Default in its own name as Trustee hereunder and shall have offered to the Trustee such reasonable indemnity or security as it may require against the costs, expenses and liabilities to be incurred therein or thereby, and the Trustee, for 60 days after its receipt of such notice, request and offer of indemnity or security shall have failed to institute any such action or proceedings and no direction inconsistent with such written request shall have been given to the Trustee pursuant to Section 6.06; it being understood and intended, and being expressly covenanted by the Holder of every Debt Security with every other Holder and the Trustee, that no one or more Holders shall have any right in any manner whatever by virtue or by availing of any provision of this Indenture to affect, disturb or prejudice the rights of any Holders, or to obtain or seek to obtain priority over or preference to any other such Holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all such Holders. For the protection and enforcement of the provisions of this Section 6.04, each and every Holder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

Notwithstanding any other provision in this Indenture, however, the right of any Holder of any Debt Security to receive payment of the principal of, and premium, if any, and (subject to Section 2.12) interest on, such Debt Security, on or after the respective due dates expressed in such Debt Security, and to institute suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of such Holder.

Section 6.05. Remedies Cumulative; Delay or Omission in Exercise of Rights Not a Waiver of Default. All powers and remedies given by this Article VI to the Trustee or to the Holders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any thereof or of any other powers and remedies available to the Trustee or the Holders, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture, and no delay or omission of the Trustee or of any Holder to exercise any right or power accruing upon any Default occurring and continuing as aforesaid, shall impair any such right or power, or shall be construed to be a waiver of any such Default or an acquiescence therein; and, subject to the provisions of Section 6.04, every power and remedy given by this Article VI or by law to the Trustee or to the Holders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Holders.

Section 6.06. Rights of Holders of Majority in Principal Amount of Debt Securities to Direct Trustee and to Waive Default. The Holders of a majority in aggregate principal amount of the Debt Securities of any series at the time Outstanding shall have the right to direct the time, method, and place of conducting any proceeding for any remedy available to the Trustee, or exercising any right, trust or power conferred on the Trustee, with respect to the Debt Securities of such series; provided, however, that such direction shall not be otherwise than in accordance with law and the provisions of this Indenture, and that subject to the provisions of Section 7.01, the Trustee shall have the right to decline to follow any such direction if the Trustee being advised by counsel shall determine that the action so directed may not lawfully be taken, or if the Trustee shall by a responsible officer or officers determine that the action so directed would involve it in personal liability or would be unduly prejudicial to Holders of Debt Securities of such series not taking part in such direction; and provided, further, however, that nothing in this Indenture contained shall impair the right of the Trustee to take any action deemed proper by the Trustee and which is not inconsistent with such direction by such Holders. Prior to the acceleration of the maturity of the Debt Securities of any series, as provided in Section 6.01, the Holders of a majority in aggregate principal amount of the Debt Securities of that series at the time Outstanding may on behalf of the Holders of all the Debt Securities of that series waive any past Default or Event of Default and its consequences for that series, except a Default in the payment of the principal of, and premium, if any, or interest on, any of the Debt Securities and a Default in respect of a provision that under Section 9.02 cannot be amended without the consent of each Holder affected thereby. In case of any such waiver, such Default shall cease to exist, any Event of Default arising therefrom shall be deemed to have been cured for every purpose of this Indenture, and the Subsidiary Guarantors, the Company, the Trustee and the Holders of the Debt Securities of that series shall be restored to their former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other Default or impair any right consequent thereon.

Section 6.07. Trustee to Give Notice of Defaults Known to It, but May Withhold Such Notice in Certain Circumstances. The Trustee shall, within 90 days after the occurrence of a Default known to it, or if later, within 30 days after the Trustee obtains actual knowledge of the Default, with respect to a series of Debt Securities give to the Holders thereof, in the manner provided in Section 13.03, notice of all Defaults with respect to such series known to the Trustee, unless such Defaults shall have been cured or waived before the giving of such notice; provided, that, except in the case of Default in the payment of the principal of, or premium, if any, or interest on, any of the Debt Securities of such series or in the making of any sinking fund payment with respect to the Debt Securities of such series, the Trustee shall be protected in withholding such notice if and so long as the board of directors, the executive committee or a committee of directors or responsible officers of the Trustee in good faith determine that the withholding of such notice is in the interests of the Holders thereof.

Section 6.08. Requirement of an Undertaking To Pay Costs in Certain Suits under the Indenture or Against the Trustee. All parties to this Indenture agree, and each Holder of any Debt Security by his acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit in the manner and to the extent provided in the TIA, and that such court may in its discretion assess reasonable costs,

including reasonable attorneys' fees and expenses, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section 6.08 shall not apply to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 25 percent in principal amount of the Outstanding Debt Securities of that series or to any suit instituted by any Holder for the enforcement of the payment of the principal of, or premium, if any, or interest on, any Debt Security on or after the due date for such payment expressed in such Debt Security.

ARTICLE VII
CONCERNING THE TRUSTEE

Section 7.01. Certain Duties and Responsibilities. The Trustee, prior to the occurrence of an Event of Default and after the curing or waiving of all Events of Default which may have occurred, undertakes to perform such duties and only such duties as are specifically set forth in this Indenture. In case an Event of Default has occurred (which has not been cured or waived), the Trustee shall exercise such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, its own bad faith, or its own willful misconduct, except that:

(a) this paragraph shall not be construed to limit the effect of the first paragraph of this Section 7.01;

(b) prior to the occurrence of an Event of Default with respect to the Debt Securities of a series and after the curing or waiving of all Events of Default with respect to such series which may have occurred:

(i) the duties and obligations of the Trustee with respect to Debt Securities of any series shall be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable except for the performance of such duties and obligations with respect to such series as are specifically set forth in this Indenture, and no implied covenants or obligations with respect to such series shall be read into this Indenture against the Trustee;

(ii) in the absence of bad faith on the part of the Trustee, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions which by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform to the requirements of this Indenture; but the Trustee shall examine the evidence furnished to it pursuant to Sections 4.05 and 4.06 to determine whether or not such evidence conforms to the requirement of this Indenture;

(iii) the Trustee shall not be liable for an error of judgment made in good faith by a responsible officer, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts; and

(iv) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it with respect to Debt Securities of any series in good faith in accordance with the direction of the Holders of not less than a majority in aggregate principal amount of the Outstanding Debt Securities of that series relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee, under this Indenture with respect to Debt Securities of such series.

None of the provisions of this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any personal financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers, if there shall be reasonable grounds for believing that repayment of such funds or adequate indemnity against such risk or liability is not reasonably assured to it.

Whether or not therein expressly so provided, every provision of this Indenture relating to the conduct or affecting the liability of or affording protection to the Trustee shall be subject to the provisions of this Section.

Section 7.02. Certain Rights of Trustee. Except as otherwise provided in Section 7.01:

(a) the Trustee may rely and shall be protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note or other paper or document (whether in its original or facsimile form) believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by a Company Order (unless other evidence in respect thereof be herein specifically prescribed); and any resolution of the Board of Directors may be evidenced to the Trustee by a copy thereof certified by the Secretary or an Assistant Secretary of the Company;

(c) the Trustee may consult with counsel, and the advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or suffered or omitted by it hereunder in good faith and in accordance with such advice or Opinion of Counsel;

(d) the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request, order or direction of any of the Holders of Debt Securities of any series pursuant to the provisions of this Indenture, unless such Holders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities which may be incurred therein or thereby;

(e) the Trustee shall not be liable for any action taken or omitted by it in good faith and reasonably believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture;

(f) prior to the occurrence of an Event of Default and after the curing of all Events of Default which may have occurred, the Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, approval or other paper or document, unless requested in writing to do so by the Holders of a majority in aggregate principal amount of the then Outstanding Debt Securities of a series affected by such matter; provided, however, that if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is not, in the opinion of the Trustee, reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable indemnity against such costs, expenses or liabilities as a condition to so proceeding and the reasonable expense of every such investigation shall be paid by the Company or, if paid by the Trustee, shall be repaid by the Company upon demand;

(g) the Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed by it with due care hereunder; and

(h) if any property other than cash shall at any time be subject to a Lien in favor of the Holders, the Trustee, if and to the extent authorized by a receivership or bankruptcy court of competent jurisdiction or by the supplemental instrument subjecting such property to such Lien, shall be entitled to make advances for the purpose of preserving such property or of discharging tax Liens or other prior Liens or encumbrances thereon.

Section 7.03. Trustee Not Liable for Recitals in Indenture or in Debt Securities. The recitals contained herein, in the Debt Securities (except the Trustee's certificate of authentication) shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same. The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Debt Securities of any series, except that the Trustee represents that it is duly authorized to execute and deliver this Indenture, authenticate the Debt Securities and perform its obligations hereunder, and that the statements made by it or to be made by it in a Statement of Eligibility and Qualification on Form T-1 supplied to the Company are true and accurate. The Trustee shall not be accountable for the use or application by the Company of any of the Debt Securities or of the proceeds thereof.

Section 7.04. Trustee, Paying Agent or Registrar May Own Debt Securities. The Trustee or any paying agent or Registrar, in its individual or any other capacity, may become the owner or pledgee of Debt Securities and subject to the provisions of the TIA relating to conflicts of interest and preferential claims may otherwise deal with the Company with the same rights it would have if it were not Trustee, paying agent or Registrar.

Section 7.05. Moneys Received by Trustee to Be Held in Trust. Subject to the provisions of Section 11.05, all moneys received by the Trustee shall, until used or applied as

herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any moneys received by it hereunder. So long as no Event of Default shall have occurred and be continuing, all interest allowed on any such moneys shall be paid from time to time to the Company upon a Company Order.

Section 7.06. Compensation and Reimbursement. The Company covenants and agrees to pay in Dollars to the Trustee from time to time, and the Trustee shall be entitled to, reasonable compensation for all services rendered by it hereunder (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), and, except as otherwise expressly provided herein, the Company will pay or reimburse in Dollars the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its agents, attorneys and counsel and of all Persons not regularly in its employ), including without limitation, Section 6.02, except any such expense, disbursement or advances as may arise from its negligence, willful misconduct or bad faith. The Company also covenants to indemnify in Dollars the Trustee for, and to hold it harmless against, any loss, liability or expense incurred without negligence, willful misconduct or bad faith on the part of the Trustee, arising out of or in connection with the acceptance or administration of this trust or trusts hereunder, including the reasonable costs and expenses of defending itself against any claim of liability in connection with the exercise or performance of any of its powers or duties hereunder. The obligations of the Company under this Section 7.06 to compensate and indemnify the Trustee and to pay or reimburse the Trustee for expenses, disbursements and advances shall constitute additional Debt hereunder and shall survive the satisfaction and discharge of this Indenture. The Company and the Holders agree that such additional Debt shall be secured by a Lien prior to that of the Debt Securities upon all property and funds held or collected by the Trustee, as such, except funds held in trust for the payment of principal of, and premium, if any, or interest on, particular Debt Securities.

When the Trustee incurs expenses or renders services after an Event of Default specified in Section 6.01(e) or (f) occurs, the expenses and the compensation for the services are intended to constitute expenses of administration under any bankruptcy, insolvency, reorganization or other similar law.

Section 7.07. Right of Trustee to Rely on an Officers' Certificate Where No Other Evidence Specifically Prescribed. Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of negligence or bad faith on the part of the Trustee, be deemed to be conclusively proved and established by an Officers' Certificate delivered to the Trustee and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted by it under the provisions of this Indenture upon the faith thereof.

Section 7.08. Separate Trustee; Replacement of Trustee. The Company may, but need not, appoint a separate Trustee for any one or more series of Debt Securities. The Trustee may resign with respect to one or more or all series of Debt Securities at any time by giving notice to the Company. The Holders of a majority in principal amount of the Debt Securities of a particular series may remove the Trustee for such series and only such series by so notifying the Trustee and may appoint a successor Trustee. The Company shall remove the Trustee if:

- (a) the Trustee fails to comply with Section 7.10;
- (b) the Trustee is adjudged bankrupt or insolvent;
- (c) a Custodian takes charge of the Trustee or its property; or
- (d) the Trustee otherwise becomes incapable of acting.

If the Trustee resigns, is removed by the Company or by the Holders of a majority in principal amount of the Debt Securities of a particular series and such Holders do not reasonably promptly appoint a successor Trustee, or if a vacancy exists in the office of Trustee for any reason (the Trustee in such event being referred to herein as the retiring Trustee), the Company shall promptly appoint a successor Trustee. No resignation or removal of the Trustee and no appointment of a successor Trustee shall become effective until the acceptance of appointment by the successor Trustee in accordance with the applicable requirements of this Section 7.08.

A successor Trustee shall deliver a written acceptance of its appointment to the retiring Trustee and to the Company. Thereupon the resignation or removal of the retiring Trustee shall become effective, and the successor Trustee shall have all the rights, powers and duties of the Trustee under this Indenture. The successor Trustee shall mail a notice of its succession to Holders of Debt Securities of each applicable series. The retiring Trustee shall promptly transfer all property held by it as Trustee to the successor Trustee, subject to the Lien provided for in Section 7.06.

If a successor Trustee does not take office within 60 days after the retiring Trustee gives notice of resignation or is removed, the retiring Trustee or the Holders of 25% in principal amount of the Debt Securities of any applicable series may petition any court of competent jurisdiction for the appointment of a successor Trustee for the Debt Securities of such series.

If the Trustee fails to comply with Section 7.10, any Holder of Debt Securities of any applicable series may petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor Trustee for the Debt Securities of such series.

Notwithstanding the replacement of the Trustee pursuant to this Section 7.08, the Company's obligations under Section 7.06 shall continue for the benefit of the retiring Trustee.

In the case of the appointment hereunder of a separate or successor trustee with respect to the Debt Securities of one or more series, the Company, any retiring Trustee and each successor or separate Trustee with respect to the Debt Securities of any applicable series shall execute and deliver an Indenture supplemental hereto (i) which shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of any

retiring Trustee with respect to the Debt Securities of any series as to which any such retiring Trustee is not retiring shall continue to be vested in such retiring Trustee and (ii) that shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one trustee, it being understood that nothing herein or in such supplemental Indenture shall constitute such Trustees co-trustees of the same trust and that each such separate, retiring or successor Trustee shall be Trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee.

Section 7.09. Successor Trustee by Merger. If the Trustee consolidates with, merges or converts into, or transfers all or substantially all its corporate trust business or assets to, another corporation or banking association, the resulting, surviving or transferee corporation or banking association without any further act shall be the successor Trustee.

In case at the time such successor or successors by merger, conversion or consolidation to the Trustee shall succeed to the trusts created by this Indenture any of the Debt Securities shall have been authenticated but not delivered, any such successor to the Trustee may adopt the certificate of authentication of any predecessor trustee, and deliver such Debt Securities so authenticated; and in case at that time any of the Debt Securities shall not have been authenticated, any successor to the Trustee may authenticate such Debt Securities either in the name of any predecessor hereunder or in the name of the successor to the Trustee; and in all such cases such certificates shall have the full force which it is anywhere in the Debt Securities or in this Indenture provided that the certificate of the Trustee shall have.

Section 7.10. Eligibility; Disqualification. The Trustee shall at all times satisfy the requirements of Section 310(a) of the TIA. The Trustee shall have a combined capital and surplus of at least \$50,000,000 as set forth in its most recent published annual report of condition. No obligor upon the Debt Securities of a particular series or Person directly or indirectly controlling, controlled by or under common control with such obligor shall serve as Trustee upon the Debt Securities of such series. The Trustee shall comply with Section 310(b) of the TIA; provided, however, that there shall be excluded from the operation of Section 310(b)(1) of the TIA this Indenture or any indenture or indentures under which other securities or certificates of interest or participation in other securities of the Company are outstanding if the requirements for such exclusion set forth in Section 310(b)(1) of the TIA are met.

Section 7.11. Preferential Collection of Claims Against Company. The Trustee shall comply with Section 311(a) of the TIA, excluding any creditor relationship listed in Section 311(b) of the TIA. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the TIA to the extent indicated therein.

Section 7.12. Compliance with Tax Laws. The Trustee hereby agrees to comply with all U.S. Federal income tax information reporting and withholding requirements applicable to it with respect to payments of premium (if any) and interest on the Debt Securities, whether acting as Trustee, Security Registrar, paying agent or otherwise with respect to the Debt Securities.

ARTICLE VIII
CONCERNING THE HOLDERS

Section 8.01. Evidence of Action by Holders. Whenever in this Indenture it is provided that the Holders of a specified percentage in aggregate principal amount of the Debt Securities of any or all series may take action (including the making of any demand or request, the giving of any direction, notice, consent or waiver or the taking of any other action) the fact that at the time of taking any such action the Holders of such specified percentage have joined therein may be evidenced by any instrument or any number of instruments of similar tenor executed by Holders in Person or by agent or proxy appointed in writing, by the record of the Holders voting in favor thereof at any meeting of Holders duly called and held in accordance with the provisions of Section 5.02 or by a combination of such instrument or instruments and any such record of such a meeting of Holders.

Section 8.02. Proof of Execution of Instruments and of Holding of Debt Securities. Subject to the provisions of Sections 7.01, 7.02 and 13.10, proof of the execution of any instrument by a Holder or his agent or proxy shall be sufficient if made in accordance with such reasonable rules and regulations as may be prescribed by the Trustee or in such manner as shall be satisfactory to the Trustee. The ownership of Debt Securities of any series shall be proved by the Debt Security Register or by a certificate of the Registrar for such series. The Trustee may require such additional proof of any matter referred to in this Section 8.02 as it shall deem necessary.

Section 8.03. Who May Be Deemed Owner of Debt Securities. Prior to due presentment for registration of transfer of any Debt Security, the Company, the Subsidiary Guarantors, the Trustee, any paying agent and any Registrar may deem and treat the Person in whose name any Debt Security shall be registered upon the books of the Company as the absolute owner of such Debt Security (whether or not such Debt Security shall be overdue and notwithstanding any notation of ownership or other writing thereon) for the purpose of receiving payment of or on account of the principal of and premium, if any, and (subject to Section 2.12) interest on such Debt Security and for all other purposes, and neither the Company nor the Subsidiary Guarantors, nor the Trustee nor any paying agent nor any Registrar shall be affected by any notice to the contrary; and all such payments so made to any such Holder for the time being, or upon his order, shall be valid and, to the extent of the sum or sums so paid, effectual to satisfy and discharge the liability for moneys payable upon any such Debt Security.

None of the Company, the Subsidiary Guarantors, the Trustee, any agent of the Trustee, any paying agent or any Registrar will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Section 8.04. Instruments Executed by Holders Bind Future Holders. At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the Holders of the percentage in aggregate principal amount of the Debt Securities of any series specified in this Indenture in connection with such action and subject to the following paragraph, any Holder of a Debt Security which is shown by the evidence to be

included in the Debt Securities the Holders of which have consented to such action may, by filing written notice with the Trustee at its corporate trust office and upon proof of holding as provided in Section 8.02, revoke such action so far as concerns such Debt Security. Except as aforesaid any such action taken by the Holder of any Debt Security shall be conclusive and binding upon such Holder and upon all future Holders and owners of such Debt Security and of any Debt Security issued upon transfer thereof or in exchange or substitution therefor, irrespective of whether or not any notation in regard thereto is made upon such Debt Security or such other Debt Securities. Any action taken by the Holders of the percentage in aggregate principal amount of the Debt Securities of any series specified in this Indenture in connection with such action shall be conclusively binding upon the Company, the Subsidiary Guarantors, the Trustee and the Holders of all the Debt Securities of such series.

The Company may, but shall not be obligated to, fix a record date for the purpose of determining the Holders of Debt Securities entitled to give their consent or take any other action required or permitted to be taken pursuant to this Indenture. If a record date is fixed, then notwithstanding the immediately preceding paragraph, those Persons who were Holders of Debt Securities at such record date (or their duly designated proxies), and only those Persons, shall be entitled to give such consent or to revoke any consent previously given or to take any such action, whether or not such Persons continue to be Holders of Debt Securities after such record date. No such consent shall be valid or effective for more than 120 days after such record date unless the consent of the Holders of the percentage in aggregate principal amount of the Debt Securities of such series specified in this Indenture shall have been received within such 120-day period.

ARTICLE IX SUPPLEMENTAL INDENTURES

Section 9.01. Purposes for Which Supplemental Indenture May Be Entered into Without Consent of Holders. The Company and the Subsidiary Guarantors, when authorized by resolutions of the Board of Directors, and the Trustee may from time to time and at any time, without the consent of Holders, enter into an Indenture or Indentures supplemental hereto (which shall conform to the provisions of the TIA as in force at the date of the execution thereof) for one or more of the following purposes:

(a) to evidence the succession pursuant to Article X of another Person to the Company, or successive successions, and the assumption by the Successor Company (as defined in Section 10.01) of the covenants, agreements and obligations of the Partnership in this Indenture and in the Debt Securities;

(b) to surrender any right or power herein conferred upon the Company or the Subsidiary Guarantors, to add to the covenants of the Company or the Subsidiary Guarantors such further covenants, restrictions, conditions or provisions for the protection of the Holders of all or any series of Debt Securities (and if such covenants are to be for the benefit of less than all series of Debt Securities, stating that such covenants are expressly being included solely for the benefit of such series) as the Board of Directors shall consider to be for the protection of the Holders of such Debt Securities, and to make the occurrence, or the occurrence and continuance, of a Default in any of such additional covenants, restrictions, conditions or provisions a Default

or an Event of Default permitting the enforcement of all or any of the several remedies provided in this Indenture; provided, that in respect of any such additional covenant, restriction, condition or provision such supplemental Indenture may provide for a particular period of grace after Default (which period may be shorter or longer than that allowed in the case of other Defaults) or may provide for an immediate enforcement upon such Default or may limit the remedies available to the Trustee upon such Default or may limit the right of the Holders of a majority in aggregate principal amount of any or all series of Debt Securities to waive such default;

(c) to cure any ambiguity or omission or to correct or supplement any provision contained herein, in any supplemental Indenture or in any Debt Securities of any series that may be defective or inconsistent with any other provision contained herein, in any supplemental Indenture or in the Debt Securities of such series; to convey, transfer, assign, mortgage or pledge any property to or with the Trustee, or to make such other provisions in regard to matters or questions arising under this Indenture as shall not adversely affect the interests of any Holders of Debt Securities of any series;

(d) to modify or amend this Indenture in such a manner as to permit the qualification of this Indenture or any Indenture supplemental hereto under the TIA as then in effect, except that nothing herein contained shall permit or authorize the inclusion in any Indenture supplemental hereto of the provisions referred to in Section 316(a)(2) of the TIA;

(e) [Reserved];

(f) to comply with Article XIV, including, but not limited to, the provisions of Section 14.04;

(g) to add Subsidiary Guarantors with respect to any or all of the Debt Securities or to secure any or all of the Debt Securities;

(h) to make any change that does not adversely affect the rights of any Holder;

(i) to add to, change or eliminate any of the provisions of this Indenture in respect of one or more series of Debt Securities; provided, however, that any such addition, change or elimination not otherwise permitted under this Section 9.01 shall neither apply to any Debt Security of any series created prior to the execution of such supplemental Indenture and entitled to the benefit of such provision nor modify the rights of the Holder of any such Debt Security with respect to such provision or shall become effective only when there is no such Debt Security Outstanding;

(j) to evidence and provide for the acceptance of appointment hereunder by a successor or separate Trustee with respect to the Debt Securities of one or more series and to add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee; and

(k) to establish the form or terms of Debt Securities of any series as permitted by Sections 2.01 and 2.03.

The Trustee is hereby authorized to join with the Company and the Subsidiary Guarantors in the execution of any such supplemental Indenture, to make any further appropriate agreements and stipulations which may be therein contained and to accept the conveyance, transfer, assignment, mortgage or pledge of any property thereunder, but the Trustee shall not be obligated to enter into any such supplemental Indenture which affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Any supplemental Indenture authorized by the provisions of this Section 9.01 may be executed by the Company, the Subsidiary Guarantors and the Trustee without the consent of the Holders of any of the Debt Securities at the time Outstanding, notwithstanding any of the provisions of Section 9.02.

Section 9.02. Modification of Indenture with Consent of Holders of Debt Securities. Without notice to any Holder but with the consent (evidenced as provided in Section 8.01) of the Holders of not less than a majority in aggregate principal amount of the Outstanding Debt Securities of each series affected by such supplemental Indenture (including consents obtained in connection with a tender offer or exchange offer for any such series of Debt Securities), the Company and the Subsidiary Guarantors, when authorized by resolutions of the Board of Directors, and the Trustee may from time to time and at any time enter into an Indenture or Indentures supplemental hereto (which shall conform to the provisions of the TIA as in force at the date of execution thereof) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental Indenture or of modifying in any manner the rights of the Holders of the Debt Securities of such series; provided, that no such supplemental Indenture, without the consent of the Holders of each Debt Security so affected, shall: reduce the percentage in principal amount of Debt Securities of any series whose Holders must consent to an amendment; reduce the rate of or extend the time for payment of interest on any Debt Security; reduce the principal of or extend the Stated Maturity of any Debt Security; reduce the premium payable upon the redemption of any Debt Security or change the time at which any Debt Security may or shall be redeemed in accordance with Article III; make any Debt Security payable in currency other than the Dollar; impair the right of any Holder to receive payment of premium, if any, principal of and interest on such Holder's Debt Securities on or after the due dates therefor or to institute suit for the enforcement of any payment on or with respect to such Holder's Debt Securities; release any security that may have been granted in respect of the Debt Securities; make any change in Section 6.06 or this Section 9.02; or, except as provided in Section 14.04, release the Subsidiary Guarantors or modify the Guarantee in any manner adverse to the Holders.

A supplemental Indenture which changes or eliminates any covenant or other provision of this Indenture which has been expressly included solely for the benefit of one or more particular series of Debt Securities or which modifies the rights of the Holders of Debt Securities of such series with respect to such covenant or other provision, shall be deemed not to affect the rights under this Indenture of the Holders of Debt Securities of any other series.

Upon the request of the Company and the Subsidiary Guarantors, accompanied by a copy of resolutions of the Board of Directors authorizing the execution of any such supplemental Indenture, and upon the filing with the Trustee of evidence of the consent of Holders as aforesaid, the Trustee shall join with the Company in the execution of such supplemental

Indenture unless such supplemental Indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion but shall not be obligated to enter into such supplemental Indenture.

It shall not be necessary for the consent of the Holders under this Section 9.02 to approve the particular form of any proposed supplemental Indenture, but it shall be sufficient if such consent shall approve the substance thereof.

After an amendment under this Section 9.02 becomes effective, the Company shall mail to Holders of Debt Securities of each series affected thereby a notice briefly describing such amendment. The failure to give such notice to all such Holders, or any defect therein, shall not impair or affect the validity of an amendment under this Section 9.02.

Section 9.03. Effect of Supplemental Indentures. Upon the execution of any supplemental Indenture pursuant to the provisions of this Article IX, this Indenture shall be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company, the Subsidiary Guarantors and the Holders shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental Indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

The Trustee, subject to the provisions of Sections 7.01 and 7.02, may receive an Officers' Certificate and an Opinion of Counsel as conclusive evidence that any such supplemental Indenture complies with the provisions of this Article IX.

Section 9.04. Debt Securities May Bear Notation of Changes by Supplemental Indentures. Debt Securities of any series authenticated and delivered after the execution of any supplemental Indenture pursuant to the provisions of this Article IX may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any matter provided for in such supplemental Indenture. New Debt Securities of any series so modified as to conform, in the opinion of the Trustee and the Board of Directors, to any modification of this Indenture contained in any such supplemental Indenture may be prepared and executed by the Company, authenticated by the Trustee and delivered in exchange for the Debt Securities of such series then Outstanding. Failure to make the appropriate notation or to issue a new Debt Security of such series shall not affect the validity of such amendment.

ARTICLE X CONSOLIDATION, MERGER, SALE OR CONVEYANCE

Section 10.01. Consolidations and Mergers of the Company. The Company shall not consolidate or amalgamate with or merge with or into any Person, or sell, convey, transfer, lease or otherwise dispose of all or substantially all its assets to any Person, whether in a single transaction or a series of related transactions, except (1) in accordance with the provisions of its certificate of incorporation, and (2) unless: (a) either (i) the Company shall be the continuing Person in the case of a merger or (ii) the resulting, surviving or transferee Person if other than the Company (the "Successor Company"), shall be a partnership, limited liability company or

corporation organized and existing under the laws of the United States, any State thereof or the District of Columbia and the Successor Company shall expressly assume, by an Indenture supplemental hereto, executed and delivered to the Trustee, in form satisfactory to the Trustee, all the obligations of the Company under this Indenture and the Debt Securities according to their tenor; (b) immediately after giving effect to such transaction (and treating any Debt which becomes an obligation of the Successor Company or any Subsidiary of the Successor Company as a result of such transaction as having been incurred by the Successor Company or such Subsidiary at the time of such transaction), no Default or Event of Default would occur or be continuing; (c) if the Company is not the continuing Person, then each Subsidiary Guarantor, unless it has become the Successor Company, shall confirm that its Guarantee shall continue to apply to the obligations under the Debt Securities and this Indenture; and (d) the Company shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that such consolidation, amalgamation, merger or disposition and such supplemental Indenture (if any) comply with this Indenture.

Section 10.02. Rights and Duties of Successor Company. In case of any consolidation, amalgamation or merger where the Company is not the continuing Person, or disposition of all or substantially all of the assets of the Company in accordance with Section 10.01, the Successor Company shall succeed to and be substituted for the Company with the same effect as if it had been named herein as the respective party to this Indenture, and the predecessor entity shall be released from all liabilities and obligations under this Indenture and the Debt Securities, except that no such release will occur in the case of a lease of all or substantially all of its assets. The Successor Company thereupon may cause to be signed, and may issue either in its own name or in the name of the Company, any or all the Debt Securities issuable hereunder which theretofore shall not have been signed by the Company and delivered to the Trustee; and, upon the order of the Successor Company, instead of the Company, and subject to all the terms, conditions and limitations in this Indenture prescribed, the Trustee shall authenticate and shall deliver any Debt Securities which previously shall have been signed and delivered by the officers of the Company to the Trustee for authentication, and any Debt Securities which the Successor Company thereafter shall cause to be signed and delivered to the Trustee for that purpose. All the Debt Securities so issued shall in all respects have the same legal rank and benefit under this Indenture as the Debt Securities theretofore or thereafter issued in accordance with the terms of this Indenture as though all such Debt Securities had been issued at the date of the execution hereof.

In case of any such consolidation, amalgamation, merger, sale or disposition such changes in phraseology and form (but not in substance) may be made in the Debt Securities thereafter to be issued as may be appropriate.

ARTICLE XI
SATISFACTION AND DISCHARGE OF
INDENTURE; DEFEASANCE; UNCLAIMED MONEYS

Section 11.01. Applicability of Article. The provisions of this Article XI relating to defeasance of Debt Securities shall be applicable to each series of Debt Securities except as otherwise specified pursuant to Section 2.03 for Debt Securities of such series.

Section 11.02. Satisfaction and Discharge of Indenture; Defeasance.

(a) If at any time the Company shall have delivered to the Trustee for cancellation all Debt Securities of any series theretofore authenticated and delivered (other than any Debt Securities of such series which shall have been destroyed, lost or stolen and which shall have been replaced or paid as provided in Section 2.09 and Debt Securities for whose payment money has theretofore been deposited in trust and thereafter repaid to the Company as provided in Section 11.05) or all Debt Securities of such series not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable within one year or are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption, and the Company shall deposit with the Trustee as trust funds the entire amount in cash sufficient to pay at maturity or upon redemption all Debt Securities of such series not theretofore delivered to the Trustee for cancellation, including principal and premium, if any, and interest due or to become due on such date of Stated Maturity or redemption date, as the case may be, and if in either case the Company shall also pay or cause to be paid all other sums payable hereunder by the Company, then this Indenture shall cease to be of further effect (except as to any surviving rights of registration of transfer or exchange of such Debt Securities herein expressly provided for) with respect to the Debt Securities of such series, and the Trustee, on demand of the Company accompanied by an Officers' Certificate and an Opinion of Counsel and at the cost and expense of the Company, shall execute proper instruments acknowledging satisfaction of and discharging this Indenture.

(b) Subject to Sections 11.02(c), 11.03 and 11.07, the Company at any time may terminate, with respect to Debt Securities of a particular series, all its obligations under the Debt Securities of such series and this Indenture with respect to the Debt Securities of such series ("legal defeasance option") or the operation of (x) any covenant made applicable to such Debt Securities pursuant to Section 2.03, (y) Sections 6.01(d), (g) and (h) and (z), as they relate to the Subsidiary Guarantors only, Sections 6.01(e) and (f) ("covenant defeasance option"). If the Company exercises its legal defeasance option, the Guarantee will terminate with respect to that series of Debt Securities. The Company may exercise its legal defeasance option notwithstanding its prior exercise of its covenant defeasance option.

If the Company exercises its legal defeasance option, payment of the Debt Securities of the defeased series may not be accelerated because of an Event of Default. If the Company exercises its covenant defeasance option, payment of the Debt Securities of the defeased series may not be accelerated because of an Event of Default specified in Sections 6.01(d), (g) and (h) and, with respect to the Subsidiary Guarantors only, Sections 6.01(e) and (f) (except to the extent covenants or agreements referenced in such Sections remain applicable).

Upon satisfaction of the conditions set forth herein and upon request of the Company, the Trustee shall acknowledge in writing the discharge of those obligations that the Company terminates.

(c) Notwithstanding clauses (a) and (b) above, the Company's obligations in Sections 2.07, 2.09, 4.02, 4.04, 5.01, 7.06, 11.05, 11.06 and 11.07 shall survive until the Debt Securities of the defeased series have been paid in full. Thereafter, the Company's obligations in Sections 7.06, 11.05 and 11.06 shall survive.

Section 11.03. Conditions of Defeasance. The Company may exercise its legal defeasance option or its covenant defeasance option with respect to Debt Securities of a particular series only if:

(a) the Company irrevocably deposits in trust with the Trustee money or U.S. Government Obligations for the payment of principal of, and premium, if any, and interest on, the Debt Securities of such series to Stated Maturity or redemption, as the case may be;

(b) the Company delivers to the Trustee a certificate from a nationally recognized firm of independent accountants expressing their opinion that the payments of principal and interest when due and without reinvestment on the deposited U.S. Government Obligations plus any deposited money without investment will provide cash at such times and in such amounts as will be sufficient to pay the principal, premium and interest when due on all the Debt Securities of such series to Stated Maturity or redemption, as the case may be;

(c) 91 days pass after the deposit is made and during the 91-day period no Default specified in Section 6.01(e) or (f) with respect to the Company occurs which is continuing at the end of the period;

(d) no Default has occurred and is continuing on the date of such deposit and after giving effect thereto;

(e) the deposit does not constitute a default under any other agreement binding on the Company;

(f) the Company delivers to the Trustee an Opinion of Counsel to the effect that the trust resulting from the deposit does not constitute, or is qualified as, a regulated investment company under the Investment Company Act of 1940;

(g) in the event of the legal defeasance option, the Company shall have delivered to the Trustee an Opinion of Counsel stating that the Company has received from the Internal Revenue Service a ruling, or since the date of this Indenture there has been a change in the applicable Federal income tax law, in either case of the effect that, and based thereon such Opinion of Counsel shall confirm that, the Holders of Debt Securities of such series will not recognize income, gain or loss for Federal income tax purposes as a result of such 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 defeasance had not occurred;

(h) in the event of the covenant defeasance option, the Company shall have delivered to the Trustee an Opinion of Counsel to the effect that the Holders of Debt Securities of such series 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; and

(i) the Company delivers to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that all conditions precedent to the defeasance and discharge of the Debt Securities of such series as contemplated by this Article XI have been complied with.

Before or after a deposit, the Company may make arrangements satisfactory to the Trustee for the redemption of Debt Securities of such series at a future date in accordance with Article III.

Section 11.04. Application of Trust Money. The Trustee shall hold in trust money or U.S. Government Obligations deposited with it pursuant to this Article XI. It shall apply the deposited money and the money from U.S. Government Obligations through any paying agent and in accordance with this Indenture to the payment of principal of, and premium, if any, and interest on, the Debt Securities of the defeased series.

Section 11.05. Repayment to Company. The Trustee and any paying agent shall promptly turn over to the Company upon request any excess money or securities held by them at any time.

Subject to any applicable abandoned property law, the Trustee and any paying agent shall pay to the Company upon request any money held by them for the payment of principal, premium or interest that remains unclaimed for two years, and, thereafter, Holders entitled to such money must look to the Company for payment as general creditors.

Section 11.06. Indemnity for U.S. Government Obligations. The Company shall pay and shall indemnify the Trustee and the Holders against any tax, fee or other charge imposed on or assessed against deposited U.S. Government Obligations or the principal and interest received on such U.S. Government Obligations.

Section 11.07. Reinstatement. If the Trustee or any paying agent is unable to apply any money or U.S. Government Obligations in accordance with this Article XI by reason of any legal proceeding or by reason of any order or judgment of any court or government authority enjoining, restraining or otherwise prohibiting such application, the Company's obligations under this Indenture and the Debt Securities of the defeased series shall be revived and reinstated as though no deposit had occurred pursuant to this Article XI until such time as the Trustee or any paying agent is permitted to apply all such money or U.S. Government Obligations in accordance with this Article XI.

ARTICLE XII
[RESERVED]

This Article XII has been intentionally omitted.

ARTICLE XIII
MISCELLANEOUS PROVISIONS

Section 13.01. Successors and Assigns of Company Bound by Indenture. All the covenants, stipulations, promises and agreements in this Indenture contained by or in behalf of the Company, the Subsidiary Guarantors or the Trustee shall bind their respective successors and assigns, whether so expressed or not.

Section 13.02. Acts of Board, Committee or Officer of Successor Company Valid. Any act or proceeding by any provision of this Indenture authorized or required to be done or

performed by any board, committee or officer of the Company or the Subsidiary Guarantors shall and may be done and performed with like force and effect by the like board, committee or officer of any Successor Company.

Section 13.03. Required Notices or Demands. Any notice or communication by the Company, the Subsidiary Guarantors or the Trustee to the others is duly given if in writing (in the English language) and delivered in Person or mailed by registered or certified mail (return receipt requested), telecopier or overnight air courier guaranteeing next day delivery, to the other's address:

If to the Company or the Subsidiary Guarantors:

[-----]

Attention: Chief Financial Officer
Telecopy No. 405-[__-__]

If to the Trustee:

The Bank of New York

[-----]
[-----]

The Company, the Subsidiary Guarantors or the Trustee by notice to the others may designate additional or different addresses for subsequent notices or communications.

All notices and communications shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; on the first Business Day on or after being sent, if telecopied and the sender receives confirmation of successful transmission; and the next Business Day after timely delivery to the courier, if sent by overnight air courier guaranteeing next day delivery.

Any notice required or permitted to a Holder by the Company, the Subsidiary Guarantors or the Trustee pursuant to the provisions of this Indenture shall be deemed to be properly mailed by being deposited postage prepaid in a post office letter box in the United States addressed to such Holder at the address of such Holder as shown on the Debt Security Register. Any report pursuant to Section 313 of the TIA shall be transmitted in compliance with subsection (c) therein.

Notwithstanding the foregoing, any notice to Holders of Floating Rate Debt Securities regarding the determination of a periodic rate of interest, if such notice is required pursuant to Section 2.03, shall be sufficiently given if given in the manner specified pursuant to Section 2.03.

In the event of suspension of regular mail service or by reason of any other cause it shall be impracticable to give notice by mail, then such notification as shall be given with the approval of the Trustee shall constitute sufficient notice for every purpose hereunder.

In the event it shall be impracticable to give notice by publication, then such notification as shall be given with the approval of the Trustee shall constitute sufficient notice for every purpose hereunder.

Failure to mail a notice or communication to a Holder or any defect in it or any defect in any notice by publication as to a Holder shall not affect the sufficiency of such notice with respect to other Holders. If a notice or communication is mailed or published in the manner provided above, it is conclusively presumed duly given.

Section 13.04. Indenture and Debt Securities to Be Construed in Accordance with the Laws of the State of New York. THIS INDENTURE, EACH DEBT SECURITY AND THE GUARANTEE SHALL BE DEEMED TO BE NEW YORK CONTRACTS, AND FOR ALL PURPOSES SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF SAID STATE.

Section 13.05. Officers' Certificate and Opinion of Counsel to Be Furnished upon Application or Demand by the Company. Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company shall furnish to the Trustee an Officers' Certificate stating that all conditions precedent provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that, in the opinion of such counsel, all such conditions precedent have been complied with, except that in the case of any such application or demand as to which the furnishing of such document is specifically required by any provision of this Indenture relating to such particular application or demand, no additional certificate or opinion need be furnished.

Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant provided for in this Indenture shall include (a) a statement that the Person making such certificate or opinion has read such covenant or condition, (b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based, (c) a statement that, in the opinion of such Person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with and (d) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been complied with.

Section 13.06. Payments Due on Legal Holidays. In any case where the date of maturity of interest on or principal of and premium, if any, on the Debt Securities of a series or the date fixed for redemption or repayment of any Debt Security or the making of any sinking fund payment shall not be a Business Day at any Place of Payment for the Debt Securities of such series, then payment of interest or principal and premium, if any, or the making of such sinking fund payment need not be made on such date at such Place of Payment, but may be made on the next succeeding Business Day at such Place of Payment with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date. If a record date is not a Business Day, the record date shall not be affected.

Section 13.07. Provisions Required by TIA to Control. If and to the extent that any provision of this Indenture limits, qualifies or conflicts with another provision included in this Indenture which is required to be included in this Indenture by any of Sections 310 to 318, inclusive, of the TIA, such required provision shall control.

Section 13.08. Computation of Interest on Debt Securities. Interest, if any, on the Debt Securities shall be computed on the basis of a 360-day year of twelve 30-day months, except as may otherwise be provided pursuant to Section 2.03.

Section 13.09. Rules by Trustee, Paying Agent and Registrar. The Trustee may make reasonable rules for action by or a meeting of Holders. The Registrar and any paying agent may make reasonable rules for their functions.

Section 13.10. Severability. In case any provision in this Indenture or the Debt Securities shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Section 13.11. Effect of Headings. The article and section headings herein and in the Table of Contents are for convenience only and shall not affect the construction hereof.

Section 13.12. Indenture May Be Executed in Counterparts. This Indenture may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same instrument.

ARTICLE XIV
GUARANTEE

Section 14.01. Unconditional Guarantee.

(a) Each Subsidiary Guarantor hereby, jointly and severally, fully and unconditionally guarantees, as principal obligor and not only as surety (such guarantee to be referred to herein as the "Guarantee"), to each Holder and to the Trustee the due and punctual payment of the principal of, premium, if any, and interest on the Debt Securities and all other amounts due and payable under this Indenture and the Debt Securities by the Company whether at Stated Maturity, by acceleration, redemption, repurchase or otherwise, including, without limitation, interest on the overdue principal of, premium, if any, and interest on the Debt Securities, to the extent lawful, all in accordance with the terms hereof and thereof; subject, however, to the limitations set forth in Section 14.05.

(b) Failing payment when due of any amount so guaranteed for whatever reason, the Subsidiary Guarantors will be jointly and severally obligated to pay the same immediately. Each Subsidiary Guarantor hereby agrees that its obligations hereunder shall be unconditional, irrespective of the validity, regularity or enforceability of the Debt Securities or this Indenture, the absence of any action to enforce the same, any waiver or consent by any Holder of the Debt Securities with respect to any provisions hereof or thereof, the recovery of any judgment against the Company, any action to enforce the same or any other circumstance which might otherwise constitute a legal or equitable discharge or defense of a guarantor. Each Subsidiary Guarantor hereby waives diligence, presentment, demand of payment, filing of claims with a court in the event of insolvency or bankruptcy of the Company, any right to require a proceeding first against the Company, protest, notice and all demands whatsoever and covenants that this Guarantee will not be discharged except by complete performance of the obligations contained in the Debt Securities, this Indenture and in this Guarantee. If any Holder or the Trustee is required by any court or otherwise to return to the Company, any Subsidiary Guarantor, or any custodian, trustee, liquidator or other similar official acting in relation to the Company or any Subsidiary Guarantor, any amount paid by the Company or any Subsidiary Guarantor to the Trustee or such Holder, this Guarantee, to the extent theretofore discharged, shall be reinstated in full force and effect. Each Subsidiary Guarantor agrees it shall not be entitled to any right of subrogation in relation to the Holders in respect of any obligations guaranteed hereby until payment in full of all obligations guaranteed hereby. Each Subsidiary Guarantor further agrees that, as between each Subsidiary Guarantor, on the one hand, and the Holders and the Trustee, on the other hand, (x) the Stated Maturity of the obligations guaranteed hereby may be accelerated as provided in Article Six for the purposes of this Guarantee, notwithstanding any stay, injunction or other prohibition preventing such acceleration in respect of the obligations guaranteed hereby, and (y) in the event of any acceleration of such obligations as provided in Article Six, such obligations (whether or not due and payable) shall forthwith become due and payable by each Subsidiary Guarantor for the purpose of this Guarantee.

Section 14.02. Subsidiary Guarantors May Consolidate, etc., on Certain Terms.

(a) Subject to Section 14.04, no Subsidiary Guarantor may consolidate or merge with or into (whether or not such Subsidiary Guarantor is the surviving Person) another Person unless

(i) the Person formed by or surviving any such consolidation or merger (if other than such Subsidiary Guarantor) assumes all the obligations of such Subsidiary Guarantor under this Indenture and the Debt Securities pursuant to a supplemental indenture, in a form reasonably satisfactory to the Trustee and (ii) immediately after such transaction, no Default or Event of Default exists. In connection with any consolidation or merger contemplated by this Section 14.02, the Company shall deliver to the Trustee prior to the consummation of the proposed transaction an Officers' Certificate to the foregoing effect and an Opinion of Counsel stating that the proposed transaction and such supplemental indenture comply with this Indenture. This Section 14.02(a) will not prohibit a merger between Subsidiary Guarantors or a merger between the Company and a Subsidiary Guarantor.

Section 14.03. Addition of Subsidiary Guarantors.

(a) With respect to each series of Debt Securities issued pursuant to this Indenture, the Company agrees to cause each Subsidiary that shall become a Restricted Subsidiary after the Issue Date to execute and deliver a supplemental indenture pursuant to which such Restricted Subsidiary shall guarantee the payment of such series of Debt Securities pursuant to the terms hereof.

(b) Any Person that was not a Subsidiary Guarantor on the Issue Date may become a Subsidiary Guarantor by executing and delivering to the Trustee (i) a supplemental indenture in form and substance satisfactory to the Trustee, which subjects such Person to the provisions (including the representations and warranties) of this Indenture as a Subsidiary Guarantor and (ii) an Opinion of Counsel and Officers' Certificate to the effect that such supplemental indenture has been duly authorized and executed by such Person and constitutes the legal, valid and binding obligation of such Person (subject to such customary exceptions concerning creditors' rights and equitable principles as may be acceptable to the Trustee in its discretion and provided that no opinion need be rendered concerning the enforceability of the Guarantee).

Section 14.04. Release of a Subsidiary Guarantor. Upon (i) the sale or disposition of a Subsidiary Guarantor (or all or substantially all of its assets) or (ii) the designation of a Subsidiary Guarantor as an Unrestricted Subsidiary, in each case which is otherwise in compliance with the terms of this Indenture, such Subsidiary Guarantor shall be deemed released from all of its Guarantee and related obligations in this Indenture. The Trustee shall deliver an appropriate instrument evidencing such release upon receipt of a request by the Company accompanied by an Officers' Certificate and an Opinion of Counsel certifying that such sale or other disposition was made by the Company in accordance with the provisions of this Indenture. Any Subsidiary Guarantor not so released remains liable for the full amount of principal of and interest on the Debt Securities as provided in this Article Fourteen.

Section 14.05. Limitation of Subsidiary Guarantor's Liability. Each Subsidiary Guarantor, and by its acceptance hereof each Holder, hereby confirms that it is the intention of all such parties that the guarantee by such Subsidiary Guarantor pursuant to its Guarantee not constitute a fraudulent transfer or conveyance for purposes of any federal, state or foreign law. To effectuate the foregoing intention, the Holders and each Subsidiary Guarantor hereby irrevocably agree that the obligations of each Subsidiary Guarantor under the Guarantee shall be limited to the maximum amount as will, after giving effect to all other contingent and fixed

liabilities of such Subsidiary Guarantor and after giving effect to any collections from or payments made by or on behalf of any other Subsidiary Guarantor in respect of the obligations of such other Subsidiary Guarantor under its Guarantee or pursuant to Section 14.06, result in the obligations of such Subsidiary Guarantor under the Guarantee not constituting a fraudulent conveyance or fraudulent transfer under federal, state or foreign law.

Section 14.06. Contribution. In order to provide for just and equitable contribution among the Subsidiary Guarantors, the Subsidiary Guarantors agree, inter se, that in the event any payment or distribution is made by any Subsidiary Guarantor (a "Funding Guarantor") under a Guarantee, such Funding Guarantor shall be entitled to a contribution from each other Subsidiary Guarantor in a pro rata amount based on the Adjusted Net Assets of each Subsidiary Guarantor (including the Funding Guarantor) for all payments, damages and expenses incurred by the Funding Guarantor in discharging the Company's obligations with respect to the Debt Securities or any other Subsidiary Guarantor's obligations with respect to the Guarantee.

Section 14.07. [Intentionally Omitted.]

Section 14.08. Severability. In case any provision of this Guarantee shall be invalid, illegal or unenforceable, that portion of such provision that is not invalid, illegal or unenforceable shall remain in effect, and the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK.]

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, all as of the day and year first above written.

CHESAPEAKE ENERGY CORPORATION

By:

Name:
Title

SUBSIDIARY GUARANTORS:

[-----]

By:

Name:
Title

THE BANK OF NEW YORK, as Trustee

By:

Name:
Title

Vinson&Elkins
ATTORNEYS AT LAW

VINSON & ELKINS L.L.P.
2300 FIRST CITY TOWER
1001 FANNIN STREET
HOUSTON, TEXAS 77002-6760
TELEPHONE (713) 758-2222
FAX (713) 758-2346
www.velaw.com

October 10, 2003

Chesapeake Energy Corporation
6100 North Western Avenue
Oklahoma City, Oklahoma 73118

Ladies and Gentlemen:

We have acted as counsel for Chesapeake Energy Corporation, an Oklahoma corporation (the "Company"), in connection with the preparation of a Registration Statement on Form S-3 (the "Registration Statement") filed with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), relating to the offer and sale, from time to time, pursuant to Rule 415 under the Securities Act, of (i) unsecured debt securities of the Company ("Debt Securities"), in one or more series, (ii) guarantees of such Debt Securities (the "Guarantees") by certain subsidiaries of the Company listed as co-registrants of the Registration Statement (the "Subsidiary Guarantors"), (iii) shares of common stock, par value \$0.01, of the Company (including attached preferred share purchase rights) and (iv) shares of preferred stock, par value \$0.01, of the Company (the "Preferred Stock") which may be issued in the form of depositary shares evidenced by depositary receipts (the "Depositary Shares," and together with the Debt Securities and the Guarantees, the "Securities").

We have examined originals or copies, certified or otherwise identified to our satisfaction, of (i) the Registration Statement, (ii) the form of senior indenture (the "Indenture") filed as an exhibit to the Registration Statement and (iii) such other certificates, statutes and other instruments and documents as we considered appropriate for purposes of the opinions hereafter expressed. As to any facts material to the opinions contained herein, we have made no independent investigation of such facts and have relied, to the extent that we deem such reliance proper, upon certificates of public officials and officers or other representatives of the Company.

In connection with rendering the opinions set forth below, we have assumed that (i) all information contained in all documents reviewed by us is true and correct; (ii) all signatures on all documents examined by us are genuine; (iii) all documents submitted to us as originals are authentic and all documents submitted to us as copies conform to the originals of those documents; (iv) the Registration Statement, and any amendments thereto (including post-effective amendments), will have become effective and comply with all applicable laws; (v) the

AUSTIN . BEIJING . DALLAS . HOUSTON . LONDON . MOSCOW . NEW YORK . SINGAPORE
. WASHINGTON, D.C.

Indenture will have been duly qualified under the Trust Indenture Act of 1939, as amended; (vi) one or more prospectus supplements to the prospectus contained in the Registration Statement will have been prepared and filed with the Commission describing the Securities offered thereby; (vii) the Indenture, and any supplemental indenture relating to a particular series of Debt Securities, will be duly authorized, executed and delivered by the parties thereto in substantially the form reviewed by us; and (viii) a definitive purchase, underwriting or similar agreement with respect to any Securities offered will have been duly authorized and validly executed and delivered by the Company and the other parties thereto.

Based on the foregoing, and subject to the assumptions, qualifications, limitations, and exceptions set forth herein, we are of the opinion that:

1. when (i) the Company and the Subsidiary Guarantors have taken all necessary corporate or partnership action to approve the issuance and terms of such Debt Securities and Guarantees, the terms of the offering thereof and related matters and (ii) such Debt Securities have been duly executed, authenticated, issued and delivered in accordance with the provisions of the Indenture and upon payment of the consideration for such Debt Securities as provided for in the applicable definitive purchase, underwriting or similar agreement, such Debt Securities will be legally issued and such Debt Securities and Guarantees will constitute valid and legally binding obligations of the Company and the Subsidiary Guarantors, respectively, enforceable against the Company and the Subsidiary Guarantors in accordance with their terms, except as such enforcement is subject to any applicable bankruptcy, insolvency, reorganization, fraudulent conveyance or other law relating to or affecting creditors' rights generally and general principles of equity; and

2. when (i) the Company has taken all necessary corporate action to approve the issuance and terms of the Depositary Shares, the terms of the offering thereof and related matters, including the adoption of a Certificate of Designation relating to the Preferred Stock underlying the Depositary Shares and the filing of the Certificate of Designation with the Secretary of State of the State of Oklahoma; (ii) the depositary agreement or agreements relating to the Depositary Shares and the related depositary receipts have been duly authorized and validly executed and delivered by the Company and the depositary appointed by the Company; (iii) the shares of Preferred Stock underlying the Depositary Shares have been deposited with the depositary under the applicable depositary agreement; and (iv) the depositary receipts representing the Depositary Shares have been duly executed, countersigned, registered and delivered in accordance with the appropriate depositary agreement approved by the Company, upon payment of the consideration therefor provided for in the applicable definitive purchase, underwriting or similar agreement, the Depositary Shares will be legally issued.

We express no opinions concerning (a) the validity or enforceability of any provisions contained in the Indenture that purport to waive or not give effect to rights to notices, defenses, subrogation or other rights or benefits that cannot be effectively waived under applicable law; or (b) the enforceability of indemnification provisions to the extent they purport to relate to liabilities resulting from or based upon negligence or any violation of federal or state securities or blue sky laws.

The foregoing opinions are limited to the laws of the State of New York and the federal laws of the United States of America and we are expressing no opinion as to the effect of the laws of any other jurisdiction, domestic or foreign.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of our name in the prospectus forming a part of the Registration Statement under the caption "Legal Matters." In giving this consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act and the rules and regulations thereunder.

Very truly yours,

/s/ Vinson & Elkins, L.L.P.

COMMERCIAL LAW GROUP, P.C.
ATTORNEYS & COUNSELORS

2725 OKLAHOMA TOWER 210 PARK AVENUE
OKLAHOMA CITY, OKLAHOMA 73102-5643
TELEPHONE: 405.232.3001
FACSIMILE: 405.232.5553

October 10, 2003

Chesapeake Energy Corporation
6100 North Western Avenue
Oklahoma City, Oklahoma 73118

Re: Chesapeake Energy Corporation; Our File No. 3520-0109

Ladies and Gentlemen:

We have acted as special Oklahoma counsel for Chesapeake Energy Corporation, an Oklahoma corporation (the "Company"), and certain of its subsidiaries with respect to the preparation of a Registration Statement on Form S-3 (the "Registration Statement") filed with the Securities and Exchange Commission (the "Commission") in connection with the registration by the Company and certain of its subsidiaries under the Securities Act of 1933, as amended (the "Securities Act"), of the certain securities of the Company and such subsidiaries including (i) shares of the Company's common stock, par value \$.01 per share (including the attached preferred share purchase rights, the "Common Stock"), and (ii) shares of the Company's preferred stock, par value \$.01 per share, in one or more series (the "Preferred Stock" and, together with the Common Stock, the "Securities") which may be issued in the form of depositary shares evidenced by depositary receipts.

We have examined originals or copies, certified or otherwise identified to our satisfaction, of: (a) the Restated Certificate of Incorporation, as amended (together with the related Certificates of Designation), and Bylaws of the Company and (b) such other certificates, statutes and other instruments and documents as we considered appropriate for purposes of the opinions hereafter expressed.

In connection with this opinion, we have assumed that the Registration Statement, and any amendments thereto (including post-effective amendments), will have become effective and that the Securities will be sold in compliance with applicable federal and state securities laws and in the manner described in the Registration Statement.

Based on the foregoing, we are of the opinion that:

1. When (i) the board of directors of the Company (the "Board") has taken all necessary corporate action to approve the issuance and terms of the offering of the Common Stock and related matters; and (ii) certificates representing the shares of Common Stock have been duly executed, countersigned, registered and delivered in accordance with (a) the applicable definitive purchase, underwriting or similar agreement approved by the Board upon payment of the consideration therefor (not less than the par value of the Common Stock) provided for therein, or (b) upon conversion,

exchange or exercise of Preferred Stock in accordance with the terms of such series of Preferred Stock providing for the conversion, exchange or exercise as approved by the Board, for the consideration approved by the Board, such shares of Common Stock will be legally issued, fully paid and non-assessable; and

2. When (a) the Board has taken all necessary corporate action to approve the issuance and terms of the offering of the Preferred Stock and related matters; and (b) certificates representing the shares of Preferred Stock have been duly executed, countersigned, registered and delivered in accordance with the applicable definitive purchase, underwriting or similar agreement approved by the Board upon payment of the consideration therefor (not less than the par value of the Preferred Stock) provided for therein, such shares of Preferred Stock will be legally issued, fully paid and non-assessable.

We are members of the bar of the State of Oklahoma. The opinions expressed herein are limited exclusively to the federal laws of the United States of America and the laws of the State of Oklahoma, and we are expressing no opinion as to the effect of the laws of any other jurisdiction, domestic or foreign.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and the use of our name in the prospectus forming a part of the Registration Statement under the caption "Legal Matters." By giving such consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission issued thereunder.

No opinion is implied or may be inferred beyond the matters expressly stated herein. This opinion is based upon the law in existence on the date of this letter and we assume no responsibility or obligation to monitor any change in any such law or to modify this opinion as a result thereof.

Very truly yours,

/s/ COMMERCIAL LAW GROUP, P.C.

COMMERCIAL LAW GROUP, P.C.

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in this Registration Statement on Form S-3 of Chesapeake Energy Corporation of our report dated February 24, 2003, except for the information in Note 1 under the caption "Leasehold Costs" and Note 16, as to which the date is as of September 9, 2003, relating to the consolidated financial statements and financial statement schedule, which appears in Chesapeake Energy Corporation's Form 10-K/A for the year ended December 31, 2002. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

Oklahoma City, Oklahoma
October 10, 2003

[Williamson Petroleum Consultants, Inc. Letterhead]

CONSENT OF WILLIAMSON PETROLEUM CONSULTANTS, INC.

As independent oil and gas consultants, Williamson Petroleum Consultants, Inc. hereby consents to the incorporation by reference in the Registration Statement on Form S-3 to be filed with the Securities and Exchange Commission on or about October 10, 2003, of information from our reserves report dated February 21, 2003, entitled "Evaluation of Oil and Gas Reserves to the Interests of Chesapeake Energy Corporation in certain Major-Value Properties in the United States, Effective December 31, 2002, for Disclosure to the Securities and Exchange Commission, Williamson Project 2.8923.". We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ Williamson Petroleum Consultants, Inc.
WILLIAMSON PETROLEUM CONSULTANTS, INC.

Midland, Texas
October 10, 2003

[RYDER SCOTT LETTERHEAD]

CONSENT OF RYDER SCOTT COMPANY PETROLEUM CONSULTANTS, L.P.

As independent oil and gas consultants, Ryder Scott Company Petroleum Consultants, L.P. hereby consents to the incorporation by reference in the Registration Statement on Form S-3 to be filed with the Securities and Exchange Commission on or about October 8, 2003, of information from our reserves report dated February 25, 2003, entitled "Estimated Future Reserves and Income Attributable to Certain Leasehold Interests (SEC Parameter) as of December 31, 2002." We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ Ryder Scott Company Petroleum Consultants, L.P.
RYDER SCOTT COMPANY PETROLEUM CONSULTANTS, L.P.

Houston, Texas
October 8, 2003

[LEE KEELING AND ASSOCIATES, INC. LETTERHEAD]

CONSENT OF LEE KEELING AND ASSOCIATES, INC.

As independent oil and gas consultants, Lee Keeling and Associates, Inc. hereby consents to the incorporation by reference in the Registration Statement on Form S-3 of Chesapeake Energy Corporation to be filed on or about October 10, 2003, of information from our reserve report with respect to the oil and gas reserves of Chesapeake Energy Corporation dated February 21, 2003, entitled "Appraisal Oil and Gas Properties Interests Owned by Chesapeake Energy Corporation Selected Properties Constant Prices and Expenses Effective Date January 1, 2003." We also consent to the reference to us under the heading "Experts" in such Registration.

LEE KEELING AND ASSOCIATES, INC.

By: /s/ Kenneth Renberg

Kenneth Renberg, Vice President

Tulsa, Oklahoma
October 10, 2003

CONSENT OF INDEPENDENT PETROLEUM ENGINEERS AND GEOLOGISTS

As independent oil and gas consultants, Netherland, Sewell & Associates, Inc. hereby consents to the incorporation by reference in the Registration Statement on Form S-3 of Chesapeake Energy Corporation to be filed on or about October 10, 2003, of information from our reserve report with respect to the oil and gas reserves of Chesapeake Energy Corporation dated March 6, 2003, entitled "Estimate of Reserves and Future Revenue to the Chesapeake Energy Corporation Interest in Certain Oil and Gas Properties located in Oklahoma and Texas as of December 31, 2002, Based on Constant Prices and Costs in accordance with Securities and Exchange Commission Guidelines." We also consent to the reference to us under the heading "Experts" in such Registration Statement.

NETHERLAND, SEWELL & ASSOCIATES, INC.

By: /s/ Frederic D. Sewel

Frederic D. Sewell
Chairman and Chief Executive Officer

Dallas, Texas
October 10, 2003

FORM T-1
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

THE BANK OF NEW YORK

(Exact name of trustee as specified in its charter)

New York
(State of incorporation
if not a national bank)

One Wall Street, New York, N.Y.
(Address of principal executive offices)

13-5160382
(I.R.S. employer
identification no.)

10286
(Zip code)

CHESAPEAKE ENERGY CORPORATION

(Exact name of obligor as specified in its charter)

Oklahoma
(State or other jurisdiction of
incorporation or organization)

6100 North Western Avenue
Oklahoma City, Oklahoma
(Address of principal executive offices)

73-1395733
(I.R.S. employer
identification no.)

73118
(Zip code)

(Title of the indenture securities)

1. General information. Furnish the following information as to the Trustee:

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

| Name | Address |
|--|---|
| Superintendent of Banks of the State of New York | 2 Rector Street, New York, N.Y. 10006, and Albany, N.Y. 12203 |
| Federal Reserve Bank of New York | 33 Liberty Plaza, New York, N.Y. 10045 |
| Federal Deposit Insurance Corporation | Washington, D.C. 20429 |
| New York Clearing House Association | New York, New York 10005 |

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

Yes.

2. Affiliations with Obligor.

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

None.

16. List of Exhibits.

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 and rule 24 of the Commission's Rules of Practice.

1. A copy of the Organization Certificate of The Bank of New York (formerly Irving Trust Company) as now in effect, which contains the authority to commence business and a grant of powers to exercise corporate trust powers. (Exhibit 1 to Amendment No.1 to Form T-1, filed with Registration Statement No. 33-6215, Exhibits 1a and 1b to Form T-1 filed with Registration Statement No. 33-21672 and Exhibit 1 to Form T-1 filed with Registration Statement No. 33-29637.)
4. A copy of the existing By-laws of the Trustee. (Exhibit 4 to Form T-1 filed with Registration Statement No. 33-31019.)

6. The consent of the Trustee required by Section 321(b) of the Act. (Exhibit 6 to Form T-1 filed with Registration Statement No. 33-44051.)
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939 the Trustee, The Bank of New York, a corporation organized and existing under the laws of the State of New York, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in The City of New York, and State of New York, on the 9th day of October, 2003.

THE BANK OF NEW YORK

By: /s/ Louis P. Young

Louis P. Young
Vice President

Consolidated Report of Condition of
THE BANK OF NEW YORK
of One Wall Street, New York, N.Y. 10286
And Foreign and Domestic Subsidiaries,

a member of the Federal Reserve System, at the close of business June 30, 2003, published in accordance with a call made by the Federal Reserve Bank of this District pursuant to the provisions of the Federal Reserve Act.

| | Dollar Amounts In Thousands |
|---|--|
| ASSETS | |
| Cash and balances due from depository institutions: | |
| Noninterest-bearing balances and currency and coin | \$ 4,257,371 |
| Interest-bearing balances | 6,048,782 |
| Securities: | |
| Held-to-maturity securities | 373,479 |
| Available-for-sale securities | 18,918,169 |
| Federal funds sold in domestic offices | 6,689,000 |
| Securities purchased under agreements to resell | 5,293,789 |
| Loans and lease financing receivables: | |
| Loans and leases held for sale | 616,186 |
| Loans and leases, net of unearned income | 38,342,282 |
| LESS: Allowance for loan and lease losses | 819,982 |
| Loans and leases, net of unearned income and allowance | 37,522,300 |
| Trading Assets | 5,741,193 |
| Premises and fixed assets (including capitalized leases) | 958,273 |
| Other real estate owned | 441 |
| Investments in unconsolidated subsidiaries and associated companies | 257,626 |
| Customers' liability to this bank on acceptances outstanding | 159,995 |
| Intangible assets | |
| Goodwill | 2,554,921 |
| Other intangible assets | 805,938 |
| Other assets | 6,285,971 |

| | |
|--------------|---------------|
| Total assets | \$ 96,483,434 |
|--------------|---------------|

LIABILITIES

Deposits:

| | |
|--|---------------|
| In domestic offices | \$ 37,264,787 |
| Noninterest-bearing | 15,357,289 |
| Interest-bearing | 21,907,498 |
| In foreign offices, Edge and Agreement subsidiaries, and IBFs | 28,018,241 |
| Noninterest-bearing | 1,026,601 |
| Interest-bearing | 26,991,640 |
| Federal funds purchased in domestic offices | 739,736 |
| Securities sold under agreements to repurchase | 465,594 |
| Trading liabilities | 2,456,565 |
| Other borrowed money: (includes mortgage indebtedness and obligations under capitalized leases) | 8,994,708 |
| Bank's liability on acceptances executed and outstanding | 163,277 |
| Subordinated notes and debentures | 2,400,000 |
| Other liabilities | 7,446,726 |

| | |
|-------------------|---------------|
| Total liabilities | \$ 87,949,634 |
|-------------------|---------------|

| | |
|--|---------|
| Minority interest in consolidated subsidiaries | 519,472 |
|--|---------|

EQUITY CAPITAL

| | |
|---|-----------|
| Perpetual preferred stock and related surplus | 0 |
| Common stock | 1,135,284 |
| Surplus | 2,056,273 |
| Retained earnings | 4,694,161 |
| Accumulated other comprehensive income | 128,610 |
| Other equity capital components | 0 |

| | |
|----------------------|-----------|
| Total equity capital | 8,014,328 |
|----------------------|-----------|

| | |
|--|---------------|
| Total liabilities minority interest and equity capital | \$ 96,483,434 |
|--|---------------|

I, Thomas J. Mastro, Senior Vice President and Comptroller of the above-named bank do hereby declare that this Report of Condition is true and correct to the best of my knowledge and belief.

Thomas J. Mastro,
Senior Vice President and Comptroller

We, the undersigned directors, attest to the correctness of this statement of resources and liabilities. We declare that it has been examined by us, and to the best of our knowledge and belief has been prepared in conformance with the instructions and is true and correct.

Thomas A. Renyi
Gerald L. Hassell
Alan R. Griffith

Directors
