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

FORM S-4
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

NATIONAL-OILWELL, INC.
(Exact name of registrant as specified in its charter)

DELAWARE 5084
76-0475815
(State or
other
jurisdiction
of (Primary
Standard
Industrial
(I.R.S.
Employer
incorporation
or
organization)
Classification
Code Number)
Identification
No.)

10000 RICHMOND AVENUE
HOUSTON, TEXAS 77042-4200
(713) 346-7500

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

STEVEN W. KRABLIN
10000 RICHMOND AVENUE
HOUSTON, TEXAS 77042-4200
(713) 346-7773

(Address, including zip code, and telephone number, including
area code, of registrant's agent for service of process)

With a copy to:

DWIGHT W. RETTIG
NATIONAL-OILWELL, INC.
10000 RICHMOND AVENUE
HOUSTON, TEXAS 77042-4200
PHONE: (713) 346-7550

With a copy to:

MARGARET B. SYMONDS
BRACEWELL & PATTERSON, L.L.P.
711 LOUISIANA STREET, SUITE 2900
HOUSTON, TEXAS 77002-2781
PHONE: (713) 221-1368

APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE OF THE SECURITIES TO
THE PUBLIC: As soon as practicable after this Registration Statement becomes
effective.

If the securities being registered on this Form are to be offered in
connection with the formation of a holding company or there is compliance with
General Instruction G, 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, 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(d) under the Securities Act, check the following box and list the Securities
Act registration statement number of the earlier effective registration
statement for the same offering.[]

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

CALCULATION OF REGISTRATION FEE

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PROPOSED TITLE OF EACH MAXIMUM AGGREGATE PROPOSED CLASS OF SECURITIES AMOUNT TO OFFERING PRICE MAXIMUM AGGREGATE AMOUNT OF TO BE
REGISTERED BE REGISTERED (1) PER UNIT (1) OFFERING PRICE (1) REGISTRATION FEE 5.65% Senior Notes due 2012 \$200,000,000 100%
\$200,000,000 \$16,180.00 - -----

(1) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o).

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INFORMATION CONTAINED HEREIN IS SUBJECT TO COMPLETION OR AMENDMENT. A REGISTRATION STATEMENT RELATING TO THESE SECURITIES HAS BEEN FILED WITH THE SECURITIES AND EXCHANGE COMMISSION. THESE SECURITIES MAY NOT BE SOLD NOR MAY OFFERS TO BUY BE ACCEPTED PRIOR TO THE TIME THE REGISTRATION STATEMENT BECOMES EFFECTIVE. THIS PROSPECTUS SHALL NOT CONSTITUTE AN OFFER TO SELL OR THE SOLICITATION OF AN OFFER TO BUY NOR SHALL THERE BE ANY SALE OF THESE SECURITIES IN ANY STATE IN WHICH SUCH OFFER, SOLICITATION OR SALE WOULD BE UNLAWFUL PRIOR TO REGISTRATION OR QUALIFICATION UNDER THE SECURITIES LAWS OF ANY SUCH STATE.

SUBJECT TO COMPLETION, DATED MARCH 7, 2003

\$200,000,000
NATIONAL-OILWELL, INC.

OFFER TO EXCHANGE
5.65% EXCHANGE SENIOR NOTES DUE 2012
FOR ANY AND ALL OUTSTANDING 5.65% SENIOR NOTES DUE 2012

This prospectus, and accompanying letter of transmittal, relate to our proposed exchange offer. We are offering to exchange up to \$200,000,000 aggregate principal amount of new 5.65% senior notes due 2012, Series B, which we call the exchange notes, which will be freely transferable, for any and all outstanding 5.65% senior notes due 2012, which we call the original notes, previously issued in a private offering on November 22, 2002 and which have certain transfer restrictions.

In this prospectus we sometimes refer to the exchange notes and the original notes collectively as the notes.

- o The exchange offer expires at 5:00 p.m., New York City time, on _____, 2003, unless we extend it.
- o The terms of the exchange notes are substantially identical to the terms of the original notes, except that the exchange notes will be freely transferable and issued free of any covenants regarding exchange and registration rights.
- o All original notes that are validly tendered and not validly withdrawn will be exchanged.
- o Tenders of original notes may be withdrawn at any time prior to expiration of the exchange offer. o We will not receive any proceeds from the exchange offer.
- o The exchange of original notes for exchange notes will not be a taxable event for United States federal income tax purposes.
- o Holders of original notes do not have any appraisal or dissenters' rights in connection with the exchange offer.
- o Original notes not exchanged in the exchange offer will remain outstanding and be entitled to the benefits of the indenture, but except under limited circumstances, will have no further exchange or registration rights under the registration rights agreement discussed in this prospectus.

PLEASE SEE "RISK FACTORS" BEGINNING ON PAGE 10 FOR A DISCUSSION OF FACTORS YOU SHOULD CONSIDER IN CONNECTION WITH THE EXCHANGE OFFER.

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

We may amend or supplement this prospectus from time to time by filing amendments or supplements as required. You should read this entire prospectus, the accompanying letter of transmittal and related documents and any amendments or supplements to this prospectus carefully before making your investment decision.

The date of this prospectus is _____, 2003.

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YOU SHOULD RELY ONLY ON THE INFORMATION CONTAINED IN THIS PROSPECTUS OR TO WHICH WE HAVE REFERRED YOU. WE HAVE NOT AUTHORIZED ANYONE TO PROVIDE YOU WITH DIFFERENT INFORMATION. THIS PROSPECTUS MAY ONLY BE USED WHERE IT IS LEGAL TO SELL THE NOTES. YOU SHOULD NOT ASSUME THAT THE INFORMATION IN OR INCORPORATED BY REFERENCE IN THIS PROSPECTUS IS ACCURATE AS OF ANY DATE OTHER THAN THE DATE ON THE FRONT COVER OF THOSE DOCUMENTS. OUR BUSINESS, FINANCIAL CONDITION, RESULTS OF OPERATIONS AND PROSPECTS MAY HAVE CHANGED SINCE THOSE DATES.

THIS PROSPECTUS INCORPORATES IMPORTANT BUSINESS AND FINANCIAL INFORMATION ABOUT NATIONAL OILWELL THAT IS NOT INCLUDED IN OR DELIVERED WITH THIS PROSPECTUS. INFORMATION THAT WE HAVE INCORPORATED BY REFERENCE IS AVAILABLE, WITHOUT CHARGE, UPON WRITTEN OR ORAL REQUEST.

FOR INFORMATION REGARDING WHO TO CONTACT FOR INFORMATION WHICH WE HAVE INCORPORATED BY REFERENCE, SEE "WHERE YOU CAN FIND MORE INFORMATION." IN ORDER TO OBTAIN TIMELY DELIVERY OF THIS INFORMATION, YOU MUST REQUEST THIS INFORMATION NO LATER THAN FIVE BUSINESS DAYS PRIOR TO THE EXPIRATION DATE OF THE EXCHANGE OFFER.

SUMMARY

The following is a summary of more detailed information contained elsewhere in this prospectus. It may not contain all of the information that is important to you. This prospectus includes or incorporates by reference information about this offering, our business and our financial and operating data. Before making an investment decision, we encourage you to read the entire prospectus carefully, including the "Risk Factors" and "Information Regarding Forward-Looking Statements" sections and the financial statements and the footnotes to those statements, which are incorporated by reference in this prospectus.

NATIONAL-OILWELL, INC.

We are a worldwide leader in the design, manufacture and sale of comprehensive systems, components and products used in oil and gas drilling and production, as well as in distributing products and providing supply chain integration services to the upstream oil and gas industry.

Our principal executive offices are located at 10000 Richmond Avenue, Houston, Texas 77042 and our telephone number at that address is 713-346-7500.

PRODUCTS AND TECHNOLOGY

National Oilwell designs, manufactures and sells drilling systems and components for both land and offshore drilling rigs as well as complete land drilling and well servicing rigs. Mechanical components include drawworks, mud pumps, top drives, solids control equipment, travelling equipment and rotary tables. These components are essential to pump fluids and hoist, support and rotate the drill string. Many of these components are designed specifically for applications in offshore, extended reach and deep land drilling. This equipment is installed on new rigs and often replaced during the upgrade and refurbishment of existing rigs.

We design and manufacture masts, derricks and substructures for use on land rigs and on fixed and mobile offshore platforms suitable for drilling applications to depths of up to 30,000 feet or more. Other products include cranes, jacking systems, mooring systems, reciprocating and centrifugal pumps and fluid end expendables for all major manufacturer's pumps. Our business includes the sale of replacement parts for our own manufactured machinery and equipment.

We also design and manufacture electrical systems and control data acquisition systems for drilling related operations and automated and remotely controlled machinery for drilling rigs. Our control systems can control and monitor many simultaneous operations on a drilling rig and often form the basis for our state-of-the-art driller's cabin. Our automated pipe handling system provides an efficient and cost effective method of joining lengths of drill pipe or casing as does our iron roughneck. These and similar technologically advanced products can greatly improve the safety on rigs, often by reducing the number of persons working on the drilling floor.

While offering a complete line of conventional rigs, National Oilwell has extensive experience in providing rig designs to satisfy requirements for harsh or specialized environments. Such products include drilling and well servicing rigs designed for the Arctic, highly mobile drilling and well servicing rigs for jungle and desert use, modular well servicing rigs for offshore platforms and modular drilling facilities for North Sea platforms. We also design and produce fully integrated drilling solutions for offshore rigs.

National Oilwell designs and manufactures drilling motors, drilling jars and specialized drilling tools for rent and sale. We also design and manufacture a complete line of fishing tools used to remove objects stuck in the wellbore.

DISTRIBUTION SERVICES

National Oilwell provides distribution services through its network of approximately 150 distribution service centers. These distribution service centers stock and sell a variety of expendable items for oilfield applications and spare parts for our proprietary equipment. As oil and gas companies and drilling contractors have refocused on their core competencies and emphasized efficiency initiatives to reduce costs and capital requirements, our distribution services have expanded to offer outsourcing and alliance arrangements that include comprehensive procurement, inventory management and logistics support. In addition, we believe we have a competitive advantage in the distribution services business by distributing market-leading products manufactured by us and from the association of this business with our Products and Technology segment.

The supplies and equipment stocked by our distribution service centers vary by location. Each distribution point generally offers a large line of oilfield products including valves, fittings, flanges, spare parts for oilfield equipment and miscellaneous expendable items.

Most drilling contractors and oil and gas companies typically buy supplies and equipment pursuant to non-exclusive contracts, which normally specify a discount from list price for each product or product category. Our goal is to create strategic alliances with our customers whereby we become the customer's primary supplier of those items. In certain cases, we assume responsibility for procurement, inventory management and product delivery for the customer, occasionally by working directly out of the customer's facilities.

We believe e-commerce brings a significant advantage to larger companies that are technologically proficient. During the last few years, we have invested over \$20 million to improve our information technology systems. Our e-commerce system can interface directly with customers' systems to maximize efficiencies for us and for our customers. We believe we have an advantage in this effort due to our investment in technology, geographic size, knowledge of the industry and customers, existing relationships with vendors and existing means of product delivery.

BUSINESS STRATEGY

National Oilwell's business strategy is to enhance its market positions and operating performance in the upstream oil and gas business by:

Leveraging our Capital Equipment Installed Base. We believe our market position and comprehensive product offering present substantial opportunities to capture a significant portion of expenditures for the construction of new drilling rigs and equipment as well as the upgrade and refurbishment of existing drilling rigs and equipment. Over the next few years, the advanced age of the existing fleet of drilling rigs, coupled with drilling activity involving greater depths and extended reach, is expected to generate demand for new equipment. National Oilwell's automation and control systems offer the potential to improve the performance of new and existing drilling rigs. The large installed base of our equipment also provides recurring demand for spare parts and expendable products necessary for proper and efficient operation.

Expanding our Non-Capital Products Business. Our non-capital equipment revenues continue to represent over half of our products and technology business. We are a leader in the rental and sale of

high-performance drilling motors and downhole tools and in the manufacture of certain expendable products and spare parts needed in the drilling and production process. We believe additional expansion in the non-capital upstream oil and gas industry would be beneficial to our business and our customers.

Furthering our Information Technology and Process Improvement Strategy. National Oilwell has developed an integrated information technology and process improvement strategy to enhance procurement, inventory management and logistics activities. As a result of the need to improve industry efficiency, oil and gas companies and drilling contractors are frequently seeking alliances with suppliers, manufacturers and service providers to achieve cost and capital improvements. We believe we are well positioned to provide these services as a result of our:

- o large and geographically diverse network of distribution service centers in major oil and gas producing areas;
- o strong relationship with a large community of industry suppliers;
- o knowledge of customers' procurement processes, suppliers' capabilities and products' performance; and
- o information systems that offer customers and suppliers enhanced e-commerce capabilities.

In addition, the integration of our distribution expertise, extensive network and growing base of customer alliances provides an increased opportunity for cost-effective marketing of our manufactured parts and equipment.

Continuing our Acquisitions Strategy. We believe the oilfield service and equipment industry will continue to experience consolidation as businesses seek to align themselves with other market participants in order to gain access to broader markets and integrated product offerings. From 1997 through January 2003, National Oilwell has made a total of thirty-two acquisitions and plans to continue to participate in this trend.

RISK FACTORS

- o We are dependent on the oil and gas industry.
- o Oil and gas prices are volatile and cause shifts in the expenditure levels of our customers who purchase the products and services we offer.
- o The oilfield products and services industry is highly competitive.
- o Some of our products are used in potentially hazardous applications which could cause us to face product liability and warranty claims.
- o Unstable foreign markets can have a negative impact on our revenues.
- o Changes in foreign currency exchange rates could have a negative impact on our revenues.
- o Our rapid growth may cause difficulties integrating new operations.
- o Our debt securities may limit our financial flexibility.

THE EXCHANGE OFFER

Registration Rights Agreement	When we sold \$200 million in aggregate principal amount of original notes to qualified institutional buyers as defined in Rule 144A under the Securities Act through Merrill Lynch, Pierce, Fenner & Smith, Incorporated, as initial purchaser, we entered into a registration rights agreement dated as of November 22, 2002 with the initial purchaser which granted the holders of the original notes certain exchange and registration rights. The exchange offer made hereby is intended to satisfy such exchange rights.
The Exchange Offer	\$1,000 principal amount of exchange notes in exchange for each \$1,000 principal amount of original notes. As of the date hereof, \$200 million aggregate principal amount of the original notes are outstanding. Although the exchange notes are titled 5.65% Senior Notes due 2012, Series B, the indenture provides that the original notes and the exchange notes are treated as a single series of notes under the indenture. We will issue exchange notes to holders on the earliest practicable date following the Expiration Date.
Resales of the Exchange Notes....	<p>Based on an interpretation of the Securities Act of 1933 by the staff of the Securities and Exchange Commission set forth in several no-action letters issued to third parties, and except as described below, we believe that the exchange notes issued pursuant to the exchange offer may be offered for resale, resold and otherwise transferred by holders thereof without further compliance with the registration and prospectus delivery provisions of the Securities Act. However, any purchaser of notes who is an "affiliate" of ours within the meaning of Rule 405 under the Securities Act, or who intends to participate in the exchange offer for the purpose of distributing the exchange notes, or any broker-dealer who purchased the notes to resell pursuant to Rule 144A or any other available exemption under the Securities Act, (i) will not be able to rely on the interpretation by the staff of the Securities and Exchange Commission set forth in the above referenced no-action letters, (ii) will not be able to tender the notes in the exchange offer and (iii) must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any sale or transfer of the notes, unless such sale or transfer is made pursuant to an exemption from such requirements. We do not intend to seek our own no-action letter, and there is no assurance that the Securities and Exchange Commission would make a similar determination with respect to the exchange notes as it has in such no-action letters to other persons.</p> <p>Each broker-dealer that receives exchange notes pursuant to the exchange offer in exchange for original notes that such broker-dealer acquired for its own account as a result of market-making activities or other trading activities, other than original notes acquired directly from us or our affiliates, must acknowledge that it will deliver a prospectus in connection with any resale of such exchange notes. The letter of</p>

transmittal states that by so acknowledging and by delivering a prospectus, a broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act.

If we receive certain notices in the letter of transmittal, this prospectus, as it may be amended or supplemented from time to time, may be used for the appropriate time period by a broker-dealer in connection with resales of exchange notes received in exchange for original notes where such original notes were acquired by such broker-dealer as a result of market-making activities or other trading activities and not acquired directly from us. We have agreed that, if we receive certain notices in the letter of transmittal, we will make this prospectus available to any such broker-dealer for use in connection with any such resale.

The letter of transmittal requires broker-dealers tendering original notes in the exchange offer to indicate whether such broker-dealer acquired the original notes for its own account as a result of market-making activities or other trading activities, other than original notes acquired directly from us or any of our affiliates. If no broker-dealer indicates that the original notes were so acquired, we have no obligation under the registration rights agreement to maintain the effectiveness of the registration statement past the consummation of the exchange offer or to allow the use of this prospectus for such resales. See "The Exchange Offer--Registration Rights" and "--Resale of the Exchange Notes; Plan of Distribution."

Expiration Date

The exchange offer expires at 5:00 p.m., New York City time, on _____, 2003, unless we extend the exchange offer in our sole discretion, in which case the term "Expiration Date" means the latest date and time to which the exchange offer is extended.

Conditions to the Exchange Offer

The exchange offer is subject to certain conditions, which we may waive. See "The Exchange Offer--Conditions to the Exchange Offer."

Procedures for Tendering the Original Notes

Each holder of original notes wishing to accept the exchange offer must complete, sign and date the accompanying letter of transmittal in accordance with the instructions contained herein and therein, and mail or otherwise deliver such letter of transmittal together with the original notes and any other required documentation to the exchange agent identified below under "Exchange Agent" at the address set forth herein. See "The Exchange Offer--Registration Rights" and "--Procedures for Tendering Original Notes."

Special Procedures for Beneficial Owners	Any beneficial owner whose original notes are registered in the name of a broker, dealer, commercial bank, trust company or other nominee and who wishes to tender should contact the registered holder promptly and instruct the registered holder to tender on such beneficial owner's behalf. See "The Exchange Offer --Procedures for Tendering Original Notes."
Guaranteed Delivery Procedures	Holders of original notes who wish to tender their original notes when those securities are not immediately available or who cannot deliver their original notes, the letter of transmittal or any other documents required by the letter of transmittal to the exchange agent prior to the Expiration Date must tender their original notes according to the guaranteed delivery procedures set forth in "The Exchange Offer -- Procedures for Tendering Original Notes - Guaranteed Delivery."
Withdrawal Rights	Tenders of original notes pursuant to the exchange offer may be withdrawn at any time prior to the Expiration Date.
Acceptance of Original Notes and Delivery of Exchange Notes	We will accept for exchange any and all original notes that are properly tendered in the exchange offer, and not withdrawn, prior to the exchange offer's Expiration Date. The exchange notes issued pursuant to the exchange offer will be issued on the earliest practicable date following our acceptance of exchange of original notes. See "The Exchange Offer--Terms of the Exchange Offer."
Exchange Agent	The Bank of New York is serving as the exchange agent in connection with the exchange offer.
Federal Income Tax Considerations	The exchange of original notes for exchange notes pursuant to the exchange offer will not be treated as a taxable exchange for federal income tax purposes. See "Material United States Federal Income Tax Considerations."

SUMMARY FINANCIAL DATA

Data for periods prior to 2002 shown below is restated to combine IRI International Corporation and Dupre' results pursuant to pooling-of-interests accounting. The following should be read in conjunction with Management's Discussion and Analysis of Financial Condition and Results of Operations and the financial statements and the related notes thereto incorporated by reference in this prospectus.

YEAR ENDED DECEMBER 31, -----	2002	2001	2000	1999	1998	-----
----- (IN THOUSANDS OF U.S. DOLLARS, EXCEPT PER SHARE AMOUNTS AND RATIOS)						
OPERATING DATA: Revenues						
\$ 1,521,946	\$ 1,747,455	\$ 1,149,920	\$ 839,648	\$ 1,449,248	Operating income (1)	134,323
189,277	48,456	1,325	139,815	Income (loss) before taxes		112,465
112,465	168,017	27,037	(14,859)	125,021	Net income (loss) (2)	73,069
104,063	13,136	(9,385)	81,336	Net income (loss) per share Basic (2)		0.90
0.90	1.29	0.17	(0.13)	1.19	Diluted (2)	
0.89	1.27	0.16	(0.13)	1.19	OTHER DATA:	
Depreciation and amortization						
35,034	25,541	20,518	Capital expenditure			24,805
27,358	24,561	17,547	39,246	BALANCE SHEET		
DATA: Working capital						
768,852	631,257	480,321	452,015	529,937	Total assets	
1,968,662	1,471,696	1,278,894	1,005,715	Long-term debt, less current maturities		594,637
222,477	196,053	222,209	Stockholders' equity			933,364
867,540	767,206	596,375	603,568	RATIOS:		
Consolidated Ratios of Earnings to Fixed Charges (3)..						
5.0	7.4	2.3	0.1	9.4		

- (1) In connection with the IRI International Corporation merger in 2000, we recorded charges of \$14.1 million related to direct merger costs, personnel reductions, and facility closures and inventory write-offs of \$15.7 million due to product line rationalization. In 1998, a \$17.0 million charge was recorded related to personnel reductions and facility closures and a \$5.6 million charge related to the write-down of certain tubular inventories.
- (2) We adopted Statement of Financial Accounting Standards No. 142, "Goodwill and Other Intangible Assets" (SFAS 142), effective January 1, 2002. The effects of not amortizing goodwill and other intangible assets in periods prior to the adoption of SFAS 142 would have resulted in net income (loss) of \$115.0 million, \$23.1 million, \$(4.0) million and \$84.8 million for the years ended December 31, 2001, 2000, 1999, and 1998, respectively; basic earnings per common share of \$1.42, \$0.29, \$(0.06) and \$1.24 for the years ending December 31, 2001, 2000, 1999 and 1998, respectively; and diluted earnings per common share of \$1.41, \$0.29, \$(0.06) and \$1.24 for the years ending December 31, 2001, 2000, 1999 and 1998, respectively.
- (3) In all cases, (i) earnings represent: income before income taxes, excluding extraordinary gains or losses; plus fixed charges, excluding capitalized interest and (ii) fixed charges include interest, whether expensed or capitalized, plus amortization of debt issuance costs, plus the portion of rental expense which is deemed representative of interest.

RISK FACTORS

You should carefully consider the risks described below, in addition to other information contained or incorporated by reference herein. Realization of any of the following risks could have a material adverse effect on our business, financial condition, cash flows and results of operations.

NATIONAL OILWELL DEPENDS ON THE OIL AND GAS INDUSTRY

National Oilwell is dependent upon the oil and gas industry and its willingness to explore for and produce oil and gas. The industry's willingness to explore and produce depends upon the prevailing view of future product prices. Many factors affect the supply and demand for oil and gas and therefore influence product prices, including:

- o level of production from known reserves;
- o cost of producing oil and gas;
- o level of drilling activity;
- o worldwide economic activity;
- o national government political requirements;
- o development of alternate energy sources; and
- o environmental regulations.

If there is a significant reduction in demand for drilling services, in cash flows of drilling contractors or production companies or in drilling or well servicing rig utilization rates, then demand for our products will decline.

OIL AND GAS PRICES ARE VOLATILE

Oil and gas prices have been volatile since 1990, ranging from \$10 - \$40 per barrel. Over the last three years, oil prices have generally ranged within \$20-\$30 per barrel. Spot gas prices have also been volatile since 1990, ranging from less than \$1.00 per mmbtu of gas to above \$10.00. Gas prices were moderate in 1998 and 1999, generally ranging from \$1.80 - \$2.50 per mmbtu. Gas prices in 2000 generally ranged from \$4-\$8 per mmbtu. In the second quarter of 2001, gas prices came under pressure, generally ranging between \$2.20 to \$3.00 per mmbtu through the first quarter of 2002. Gas prices have generally ranged between \$3.00 - \$5.00 per mmbtu since that time.

Expectations for future oil and gas prices cause many shifts in the strategies and expenditure levels of oil and gas companies and drilling contractors, particularly with respect to decisions to purchase major capital equipment of the type we manufacture. Industry activity and our revenues have not responded to the higher commodity prices that have existed since the second quarter of 2002, presumably due to concerns that these prices will not continue in the current range. We cannot predict future oil and gas prices or the effect prices will have on exploration and production levels.

NATIONAL OILWELL'S INDUSTRY IS HIGHLY COMPETITIVE

The oilfield products and services industry is highly competitive. The following competitive actions can each affect our revenues and earnings:

- o price changes;
- o new product and technology introductions; and
- o improvements in availability and delivery.

We compete with many companies and there are low barriers to entry in many of our business segments.

NATIONAL OILWELL FACES POTENTIAL PRODUCT LIABILITY AND WARRANTY CLAIMS

Customers use some of our products in potentially hazardous drilling, completion and production applications that can cause:

- o injury or loss of life;
- o damage to property, equipment or the environment; and
- o suspension of operations.

We maintain amounts and types of insurance coverage that we believe are consistent with normal industry practice. We cannot guarantee that insurance will be adequate to cover all liabilities we may incur. We also may not be able to maintain insurance in the future at levels we believe are necessary and at rates we consider reasonable.

National Oilwell may be named as a defendant in product liability or other lawsuits asserting potentially large claims if an accident occurs at a location where our equipment and services have been used. We are currently party to various legal and administrative proceedings. We cannot predict the outcome of these proceedings, nor can we guarantee any negative outcomes will not be significant to us.

INSTABILITY OF FOREIGN MARKETS COULD HAVE A NEGATIVE IMPACT ON OUR REVENUES AND OPERATING RESULTS

Some of our revenues depend upon customers in the Middle East, Africa, Southeast Asia, South America and other international markets. These revenues are subject to risks of instability of foreign economies and governments. Laws and regulations limiting exports to particular countries can affect our sales, and sometimes export laws and regulations of one jurisdiction contradict those of another.

CHANGES IN FOREIGN CURRENCY EXCHANGE RATES COULD HAVE A NEGATIVE IMPACT ON OUR REVENUES AND OPERATING RESULTS

National Oilwell is exposed to the risks of changes in exchange rates between the U.S. dollar and foreign currencies. Our Norwegian companies enter into foreign exchange forward contracts, primarily between the Norwegian kroner and the US dollar, to hedge cash flows on certain significant contracts. Our decisions regarding the need for hedging foreign currencies in Norway and other countries can adversely affect our operating results.

NATIONAL OILWELL MAY NOT BE ABLE TO SUCCESSFULLY MANAGE ITS GROWTH

National Oilwell has acquired 32 companies since April 1997, including nine in 2001 and four in 2002. In addition, we acquired two other companies in January 2003. We cannot predict whether suitable acquisition candidates will be available on reasonable terms or if we will have access to adequate funds to complete any desired acquisition. Once acquired, we cannot guarantee that we will successfully integrate

the operations of the acquired companies. Combining organizations could interrupt the activities of some or all of our businesses and have a negative impact on operations.

NATIONAL OILWELL HAS DEBT

In 1998, National Oilwell issued \$150 million of 6 7/8% unsecured senior notes due July 1, 2005. In 2001, we issued an additional \$150 million of 6 1/2% unsecured senior notes due March 15, 2011. In 2002, we issued \$200 million of 5.65% unsecured senior notes due November 15, 2012. We also have a \$175 million revolving line of credit and approximately \$200 million in availability under various borrowing arrangements of our wholly-owned foreign subsidiaries. Our leverage requires us to use some of our cash flow from operations for payment of interest on our debt. Our leverage may also make it more difficult to obtain additional financing in the future. Further, our leverage could make us more vulnerable to economic downturns and competitive pressures.

NO PUBLIC MARKET FOR THE NOTES EXISTS

The original notes have not been registered under the Securities Act and may not be resold by purchasers thereof unless the original notes are subsequently registered or an exemption from the registration requirements of the Securities Act is available. There can be no assurance, even following registration or exchange of the original notes for exchange notes, that an active trading market for the original notes or the exchange notes will exist. At the time of the private placement of the original notes, the initial purchaser was not obligated to make a market in the original notes and, if issued, the exchange notes, and any such market-making activity that commenced or is commenced may be terminated at any time without notice. In addition, any market-making activity will be subject to restrictions imposed by the Securities Act and the Exchange Act. No assurance can be given as to the liquidity of or trading market for the original notes or the exchange notes.

The liquidity of any market for the notes will depend upon the number of holders of the notes, our performance, the market for similar securities, the interest of securities dealers in making a market in the notes, prevailing interest rates and other factors.

CONSEQUENCES OF FAILING TO EXCHANGE OR PROPERLY TENDER

Consequences of Failure to Exchange. To the extent that original notes are tendered and accepted for exchange pursuant to the exchange offer, the trading market for original notes that remain outstanding may be significantly more limited, which might adversely affect the liquidity of the original notes not tendered for exchange. The extent of the market and the availability of price quotations for original notes would depend upon a number of factors, including the number of holders of original notes remaining at such time and the interest in maintaining a market in such original notes on the part of securities firms. An issue of securities with a smaller outstanding market value available for trading (the "float") may command a lower price than would a comparable issue of securities with a greater float. Therefore, the market price for original notes that are not exchanged in the exchange offer may be affected adversely to the extent that the amount of original notes exchanged pursuant to the exchange offer reduces the float. The reduced float also may tend to make the trading price of the original notes that are not exchanged more volatile.

Consequences of Failure to Properly Tender. Issuance of the exchange notes in exchange for the original notes pursuant to the exchange offer will be made following the prior satisfaction, or waiver, of the conditions set forth in "The Exchange Offer--Conditions to the Exchange Offer" and only after timely receipt by the exchange agent of such original notes, a properly completed and duly executed letter of transmittal and all other required documents. Therefore, holders of original notes desiring to tender such original notes in exchange for exchange notes should allow sufficient time to ensure timely delivery of all required documentation. Neither we, the exchange agent nor any other person is under any duty to

give notification of defects or irregularities with respect to the tenders of original notes for exchange. Original notes that may be tendered in the exchange offer but which are not validly tendered will, following the consummation of the exchange offer, remain outstanding and will continue to be subject to the same transfer restrictions currently applicable to such original notes.

HOLDERS OF BOOK-ENTRY INTERESTS WILL NEED TO ACT THROUGH DEPOSITARIES

The original notes are represented, and the exchange notes will be represented, by one or more global notes in definitive fully registered form without coupons and will be deposited upon issuance with, or on behalf of, The Depository Trust Company, which we call DTC. DTC (or its nominee) will be the sole holder of the global notes representing the notes and owners of book-entry interests will not be considered owners or holders of the notes. After payment to DTC, we will have no responsibility or liability for any aspect of the payments made on account of book-entry interests. Accordingly, holders of book-entry interests must rely on the procedures of DTC or, if such holder is not a participant in DTC, on the procedures of the participant through which the interest is owned, to exercise any rights and obligations of a holder under the indenture governing the notes.

Owners of book-entry interests will not have the direct right to act upon our solicitations for consents or requests for waivers or other actions from holders of the notes. Instead, owners of book-entry interests will be permitted to act only to the extent they have received appropriate proxies to do so from DTC. There can be no assurance that procedures implemented for the granting of such proxies will be sufficient to enable owners of book-entry interests to vote on any requested actions on a timely basis.

Similarly, upon the occurrence of an event of default under the indenture governing the notes, unless and until definitive registered notes are issued in respect of all book-entry interests, owners of book-entry interests will be restricted to acting through DTC. There can be no assurance that the procedures to be implemented through DTC will be adequate to ensure the timely exercise of remedies under the notes.

THE EXCHANGE OFFER

REGISTRATION RIGHTS

At the closing of the sale of the original notes, we entered into a registration rights agreement with the initial purchaser pursuant to which we agreed, for the benefit of the holders of the original notes, at our cost,

- o to file, no later than March 7, 2003, an exchange offer registration statement with the Securities and Exchange Commission with respect to the exchange offer for the exchange notes;
- o to use our reasonable best efforts to cause the exchange offer registration statement to be declared effective under the Securities Act no later than April 21, 2003;
- o to use our reasonable best efforts to keep the registration statement for the exchange notes effective until the closing of the exchange offer; and
- o to use our reasonable best efforts to cause the exchange offer to be completed no later than May 21, 2003.

Upon the exchange offer registration statement being declared effective, we agreed to offer the exchange notes in exchange for surrender of the original notes and to keep the exchange offer open for not less than 30 days thereafter. For each original note surrendered to us pursuant to the exchange offer,

the holder of that original note will receive an exchange note having a principal amount equal to that of the surrendered original note. Interest on each exchange note will accrue from the last interest payment date on which interest was paid on the original note tendered in exchange therefor or, if no interest has been paid on the original note, from the date of its initial issuance. The registration rights agreement also provides an agreement to include in the prospectus for the exchange offer certain information necessary to allow a broker-dealer who holds original notes that were acquired for its own account as a result of market-making activities or other ordinary course trading activities (other than original notes acquired directly from us or one of our affiliates) to exchange such original notes pursuant to the exchange offer and to satisfy the prospectus delivery requirements in connection with resales of exchange notes received by such broker-dealer in the exchange offer.

The preceding agreement is needed because any broker-dealer who acquires original notes for its own account as a result of market-making activities or other trading activities is required to deliver a prospectus meeting the requirements of the Securities Act. This prospectus covers our offer and sale of the exchange notes pursuant to the exchange offer. It also covers the resale of exchange notes received in the exchange offer by any broker-dealer who held original notes acquired for its own account as a result of market-making activities or other trading activities other than original notes acquired directly from us or one of our affiliates.

Under existing interpretations of the staff of the Securities and Exchange Commission contained in several no-action letters to third parties, the exchange notes would in general be freely tradeable after the exchange offer without further registration under the Securities Act. However, any purchaser of original notes who is an "affiliate" of ours as defined in Rule 405 of the Securities Act or who intends to participate in the exchange offer for the purpose of distributing the related exchange notes

- o will not be able to rely on the interpretation of the staff of the Securities and Exchange Commission;
- o will not be able to tender its original notes in the exchange offer; and
- o must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any sale or transfer of the original notes unless such sale or transfer is made pursuant to an exemption from such requirements.

Each holder of the original notes who wishes to exchange original notes for exchange notes in the exchange offer will be required to make certain representations, including that (1) any exchange notes to be received by it will be acquired in the ordinary course of its business, (2) at the time of commencement of the exchange offer, it has no arrangement with any person to participate in the distribution of the original notes or the exchange notes (within the meaning of the Securities Act) and (3) it is not an affiliate of ours or, if it is an affiliate, it will comply with the registration and prospectus delivery requirements of the Securities Act to the extent applicable.

If the holder is not a broker-dealer, it will be required to represent that it is not engaged in, and does not intend to engage in, the distribution of the exchange notes. If the holder is a broker-dealer that will receive exchange notes for its own account in exchange for original notes that were acquired as a result of market-making activities or other trading activities, it will be required to acknowledge that it will deliver a prospectus in connection with any resale of the exchange notes.

If:

- o we determine that the exchange offer registration statement is not available or the exchange offer may not be consummated because it would violate applicable law or Securities and Exchange Commission interpretations;

- o the exchange offer registration statement is not declared effective on or before April 21, 2003 or the exchange offer has not been completed on or before May 21, 2003;
- o the exchange offer is not available to any holder of original notes based on an opinion of counsel; or
- o the initial purchaser of the original notes (but only with respect to original notes acquired directly from us) so requests;

we will, as promptly as practicable, use our reasonable efforts to file a shelf registration statement for resale of the original notes. We will use our reasonable best efforts to cause the shelf registration statement to become effective as promptly as practicable but no later than June 20, 2003, and to keep the registration statement effective for a period ending on the earlier of:

- o the second anniversary of the effective date of the shelf registration statement; or
- o until all of the original notes that are covered by the shelf registration statement cease to be outstanding or have been sold to the public under Rule 144 under the Securities Act or are eligible to be sold to the public under Rule 144(k) under the Securities Act.

We will provide to the holders of the original notes copies of the prospectus that is part of the shelf registration statement, notify such holders when the resale registration for the original notes has become effective and take other actions as are required to permit unrestricted sales of such notes. A holder of the original notes that offers or sells such notes pursuant to the shelf registration generally would be required to be named as a selling securityholder in the related prospectus and to deliver a prospectus to the purchaser, will be subject to certain of the civil liability provisions of the Securities Act in connection with such sales and will be bound by the provisions of the registration rights agreement applicable to that holder, including indemnification obligations.

We will pay additional interest on the original notes if:

- o the exchange offer registration statement is not filed with the Securities and Exchange Commission on or before March 7, 2003;
- o the exchange offer registration statement or the shelf registration statement, as the case may be, is not declared effective on or before the date on which such registration statement is required to become or be declared effective;
- o the exchange offer is not consummated on or before May 21, 2003 (if the exchange offer is then required to be made); or
- o the shelf registration is filed and declared effective but thereafter becomes unusable by the holders of notes covered by the registration statement for more than 45 days in any 12-month period,

in which case, we will be obligated to pay additional interest on the original notes over and above the applicable interest rate at a rate of 0.25% per year, which interest shall be further increased by 0.25% for each 90-day period that we are required to pay additional interest up to a maximum additional interest rate of 0.50% per year, until the exchange offer registration statement is filed, the applicable registration statement is declared effective, the exchange offer is consummated, or the shelf registration statement becomes usable, as the case may be. Any additional interest will cease to accrue when all of the events described above have been cured.

We are required to deposit, in immediately available funds, the amount of any additional interest payable to holders of the notes with the trustee on or before the semiannual interest payment date.

This summary of the material provisions of the registration rights agreement does not purport to be complete and is subject to, and is qualified in its entirety by reference to, all the provisions of the registration rights agreement, a copy of which is filed as an exhibit to the registration statement of which this prospectus is a part.

Except as set forth above, after consummation of the exchange offer, holders of original notes which are the subject of the exchange offer will have no registration or exchange rights under the registration rights agreement. These consequences are more fully described under "--Consequences of Failure to Exchange" and "--Resale of the Exchange Notes; Plan of Distribution."

CONSEQUENCES OF FAILURE TO EXCHANGE

The original notes which are not exchanged for exchange notes pursuant to the exchange offer and are not included in a resale prospectus which, if required, will be filed as part of an amendment to the registration statement of which this prospectus is a part, will remain restricted securities and subject to restrictions on transfer. Accordingly, original notes that are not exchanged may only be resold:

- o to us, upon redemption or otherwise;
- o so long as the original notes are eligible for resale pursuant to Rule 144A under the Securities Act, to a person whom the seller reasonably believes is a qualified institutional buyer within the meaning of Rule 144A, purchasing for its own account or for the account of a qualified institutional buyer to whom notice is given that the resale, pledge or other transfer is being made in reliance on Rule 144A;
- o in an offshore transaction in accordance with Regulation S under the Securities Act;
- o pursuant to an exemption from registration in accordance with Rule 144, if available, under the Securities Act;
- o in reliance on another exemption from the registration requirements of the Securities Act; or
- o pursuant to an effective registration statement under the Securities Act.

In all of the situations discussed above, the resale must be in accordance with any applicable securities laws of any state of the United States.

To the extent original notes are tendered and accepted in the exchange offer, the principal amount of outstanding original notes will decrease with a resulting decrease in the liquidity in the market therefor. Accordingly, the liquidity of the market of the original notes could be adversely affected. The risks of failing to exchange original notes are more fully described in "Risk Factors--Consequences of Failing to Exchange or Properly Tender."

TERMS OF THE EXCHANGE OFFER

Upon the terms and subject to the conditions set forth in this prospectus and in the letter of transmittal, a copy of which is attached to this prospectus as Annex A, we will accept any and all original notes validly tendered and not withdrawn prior to the Expiration Date. We will issue \$1,000 principal amount of exchange notes in exchange for each \$1,000 principal amount of original notes accepted in the

exchange offer. Holders may tender some or all of their original notes pursuant to the exchange offer. However, original notes may be tendered only in integral multiples of \$1,000 principal amount.

The form and terms of the exchange notes are the same as the form and terms of the original notes, except that:

- o the exchange notes will have been registered under the Securities Act and will not bear legends restricting their transfer pursuant to the Securities Act;
- o holders of the exchange notes will not be entitled to the rights of holders of original notes under the registration rights agreement; and
- o provisions for additional interest in the event of breach of certain registration covenants relating to the original notes will not apply to the exchange notes.

The exchange notes will evidence the same debt as the original notes that they replace, and will be issued under, and be entitled to the benefits of, the indenture which governs all of the notes.

Solely for reasons of administration and for no other purpose, we have fixed the close of business on _____, 2003 as the date for purposes of determining the persons to whom this prospectus and the letter of transmittal will be mailed initially. Only a registered holder of original notes or such holder's legal representative or attorney-in-fact as reflected on the records of the trustee under the indenture may participate in the exchange offer. There will be no fixed record date for determining registered holders of the original notes entitled to participate in the exchange offer.

Holders of the original notes do not have any appraisal or dissenters' rights under Delaware law or the indenture in connection with the exchange offer. We intend to conduct the exchange offer in accordance with the applicable requirements of the Exchange Act and the rules and regulations of the Securities and Exchange Commission thereunder.

We shall be deemed to have accepted validly tendered original notes when, as and if we have given oral or written notice of our acceptance to the exchange agent. The exchange agent will act as agent for the tendering holders of the original notes for the purposes of receiving the exchange notes. The exchange notes delivered pursuant to the exchange offer will be issued on the earliest practicable date following our acceptance for exchange of original notes.

If any tendered original notes are not accepted for exchange because of an invalid tender, the occurrence of certain other events described herein or otherwise, certificates for any such unaccepted original notes will be returned, without expense, to the tendering holder thereof as promptly as practicable after the Expiration Date.

Holders who tender original notes in the exchange offer will not be required to pay brokerage commissions or fees or, subject to the instructions in the letter of transmittal, transfer taxes with respect to the exchange of the original notes pursuant to the exchange offer. We will pay all charges and expenses, other than certain applicable taxes, in connection with the exchange offer. See "--Fees and Expenses."

EXPIRATION DATE; EXTENSIONS; AMENDMENTS

The term "Expiration Date" with respect to the exchange offer, shall mean 5:00 p.m., New York City time, on _____, 2003, unless we, in our sole discretion, extend the exchange offer, in which case "Expiration Date" shall mean the latest date and time to which the exchange offer is extended.

In order to extend the exchange offer, we will notify the exchange agent of any extension by oral or written notice and will make a public announcement thereof, each prior to 9:00 a.m., New York City time, on the next business day after the previously scheduled Expiration Date of the exchange offer.

We reserve the right, in our sole discretion,

- o to delay accepting any original notes;
- o to extend the exchange offer;
- o if any of the conditions set forth below under "--Conditions to the Exchange Offer" have not been satisfied, to terminate the exchange offer; or
- o to amend the terms of the exchange offer in any manner.

We may effect any such delay, extension or termination by giving oral or written notice thereof to the exchange agent.

Except as specified in the second paragraph under this heading, any such delay in acceptance, extension, termination or amendment will be followed as promptly as practicable by a public announcement thereof. If the exchange offer is amended in a manner determined by us to constitute a material change, we will promptly disclose any amendment by means of a prospectus supplement that will be distributed to the registered holders of the original notes. The exchange offer will then be extended for a period of five to ten business days, as required by law, depending upon the significance of the amendment and the manner of disclosure to the registered holders, if the exchange offer would otherwise expire during such five to ten business day period.

Without limiting the manner in which we may choose to make a public announcement of any delay, extension, termination or amendment of the exchange offer, we shall not have an obligation to publish, advertise, or otherwise communicate any such public announcement, other than by making a timely release thereof to the Dow Jones News Service.

PROCEDURES FOR TENDERING ORIGINAL NOTES

Tenders of Original Notes. The tender by a holder of original notes pursuant to any of the procedures set forth below will constitute the tendering holder's acceptance of the terms and conditions of the exchange offer. Our acceptance for exchange of original notes tendered pursuant to any of the procedures described below will constitute a binding agreement between such tendering holder and us in accordance with the terms and subject to the conditions of the exchange offer. Only holders of record are authorized to tender their original notes. The procedures by which original notes may be tendered by beneficial owners that are not holders of record will depend upon the manner in which the original notes are held.

DTC has authorized DTC participants that are beneficial owners of original notes through DTC to tender their original notes as if they were holders. To effect a tender, DTC participants should either (1) complete and sign the letter of transmittal or a facsimile thereof, have the signature thereon guaranteed if required by Instruction 1 of the letter of transmittal and mail or deliver the letter of transmittal or such facsimile pursuant to the procedures for book-entry transfer set forth below under "-- Book-Entry Delivery Procedures," or (2) transmit their acceptance to DTC through the DTC Automated Tender Offer Program (which we call "ATOP"), for which the transaction will be eligible, and follow the procedures for book-entry transfer set forth below under "-- Book-Entry Delivery Procedures."

Tender of Original Notes Held in Physical Form. To tender effectively original notes held in physical form pursuant to the exchange offer,

- o a properly completed letter of transmittal applicable to such notes (or a facsimile thereof) duly executed by the holder thereof, and any other documents required by the letter of transmittal, must be received by the exchange agent at one of its addresses set forth below, and tendered original notes must be received by the exchange agent at such address (or delivery effected through the deposit of original notes into the exchange agent's account with DTC and making book-entry delivery as set forth below) on or prior to the Expiration Date of the exchange offer; or
- o the tendering holder must comply with the guaranteed delivery procedures set forth below.

LETTERS OF TRANSMITTAL AND ORIGINAL NOTES SHOULD BE SENT ONLY TO THE EXCHANGE AGENT AND SHOULD NOT BE SENT TO US.

Tender of Original Notes Held Through a Custodian. To effectively tender original notes that are held of record by a custodian bank, depository, broker, trust company or other nominee, the beneficial owner thereof must instruct such holder to tender the original notes on the beneficial owner's behalf. A letter of instructions from the record owner to the beneficial owner may be included in the materials provided along with this prospectus which may be used by the beneficial owner in this process to instruct the registered holder of such owner's original notes to effect the tender.

Tender of Original Notes Held Through DTC. To effectively tender original notes that are held through DTC, DTC participants should either

- o properly complete and duly execute the letter of transmittal (or a facsimile thereof), and any other documents required by the letter of transmittal, and mail or deliver the letter of transmittal or such facsimile pursuant to the procedures for book-entry transfer set forth below; or
- o transmit their acceptance through ATOP, for which the transaction will be eligible, and DTC will then edit and verify the acceptance and send an Agent's Message to the exchange agent for its acceptance.

Delivery of tendering original notes held through DTC must be made to the exchange agent pursuant to the book-entry delivery procedures set forth below or the tendering DTC participant must comply with the guaranteed delivery procedures set forth below.

THE METHOD OF DELIVERY OF ORIGINAL NOTES AND LETTERS OF TRANSMITTAL, ANY REQUIRED SIGNATURE GUARANTEES AND ALL OTHER REQUIRED DOCUMENTS, INCLUDING DELIVERY THROUGH DTC AND ANY ACCEPTANCE OR AGENT'S MESSAGE TRANSMITTED THROUGH ATOP, IS AT THE ELECTION AND RISK OF THE PERSON TENDERING ORIGINAL NOTES AND DELIVERING LETTERS OF TRANSMITTAL. EXCEPT AS OTHERWISE PROVIDED IN THE LETTER OF TRANSMITTAL, DELIVERY WILL BE DEEMED MADE ONLY WHEN ACTUALLY RECEIVED BY THE EXCHANGE AGENT. IF DELIVERY IS BY MAIL, IT IS SUGGESTED THAT THE HOLDER USE PROPERLY INSURED, REGISTERED MAIL WITH RETURN RECEIPT REQUESTED, AND THAT THE MAILING BE MADE SUFFICIENTLY IN ADVANCE OF THE EXPIRATION DATE TO PERMIT DELIVERY TO THE EXCHANGE AGENT PRIOR TO SUCH DATE.

Except as provided below, unless the original notes being tendered are deposited with the exchange agent on or prior to the Expiration Date (accompanied by a properly completed and duly executed letter of transmittal or a properly transmitted Agent's Message), we may, at our option, reject

such tender. Exchange of exchange notes for original notes will be made only against deposit of the tendered original notes and delivery of all other required documents.

Book-Entry Delivery Procedures. The exchange agent will establish an account with respect to the original notes at DTC for purposes of the exchange offer within two business days after the date of this prospectus, and any financial institution that is a participant in DTC may make book-entry delivery of the original notes by causing DTC to transfer such original notes into the exchange agent's account in accordance with DTC's procedures for such transfer. However, although delivery of original notes may be effected through book-entry at DTC, the letter of transmittal (or facsimile thereof), with any required signature guarantees or an Agent's Message in connection with a book-entry transfer, and any other required documents, must, in any case, be transmitted to and received by the exchange agent at one or more of its addresses set forth in this prospectus on or prior to the Expiration Date, or compliance must be made with the guaranteed delivery procedures described below. Delivery of documents to DTC does not constitute delivery to the exchange agent. The confirmation of a book-entry transfer into the exchange agent's account at DTC as described above is referred to herein as a "Book-Entry Confirmation."

The term "Agent's Message" means a message transmitted by DTC to, and received by, the exchange agent and forming a part of the Book-Entry Confirmation, which states that DTC has received an express acknowledgment from a participant in DTC tendering original notes and that such participant has received the letter of transmittal and agrees to be bound by the terms of the letter of transmittal and we may enforce such agreement against such participant.

Signature Guarantees. Signatures on all letters of transmittal must be guaranteed by a recognized member of the Medallion Signature Guarantee Program or by any other "eligible guarantor institution," as such term is defined in Rule 17Ad-15 promulgated under the Exchange Act (each of these being an "eligible institution"), unless the original notes tendered thereby are tendered (1) by a registered holder of original notes (or by a participant in DTC whose name appears on a DTC security position listing as the owner of such original notes) who has not completed either the box entitled "Special Issuance Instructions" or "Special Delivery Instructions" on the letter of transmittal or (2) for the account of an eligible institution. For additional information on signature guarantees, see Instruction 1 of the letter of transmittal. If the original notes are registered in the name of a person other than the signer of the letter of transmittal or if original notes not accepted for exchange or not tendered are to be returned to a person other than the registered holder, then the signatures on the letter of transmittal accompanying the tendered original notes must be guaranteed by an eligible institution as described above. Additional information on signature guarantees and instruments of transfer is included in Instructions 1 and 5 of the letter of transmittal.

Guaranteed Delivery. If a holder desires to tender original notes pursuant to the exchange offer and time will not permit the letter of transmittal, certificates representing the original notes and all other required documents to reach the exchange agent, or the procedures for book-entry transfer cannot be completed, on or prior to the Expiration Date of the exchange offer, such original notes may nevertheless be tendered if all of the following conditions are satisfied:

- o the tender is made by or through an eligible institution;
- o a properly completed and duly executed Notice of Guaranteed Delivery, substantially in the form provided by us herewith, or an Agent's Message with respect to guaranteed delivery that is accepted by us, is received by the exchange agent on or prior to the Expiration Date, as provided below; and
- o the certificates for the tendered original notes, in proper form for transfer (or a Book-Entry Confirmation of the transfer of such original notes into the exchange agent's account at DTC as described above), together with the letter of transmittal (or facsimile

thereof), properly completed and duly executed, with any required signature guarantees and any other documents required by the letter of transmittal or a properly transmitted Agent's Message, are received by the exchange agent within two business days after the date of execution of the Notice of Guaranteed Delivery.

The Notice of Guaranteed Delivery may be sent by hand delivery, telegram, facsimile transmission or mail to the exchange agent and must include a guarantee by an eligible institution in the form set forth in the Notice of Guaranteed Delivery.

Notwithstanding any other provision hereof, delivery of exchange notes by the exchange agent for original notes tendered and accepted for exchange pursuant to the exchange offer will, in all cases, be made only after timely receipt by the exchange agent of such original notes (or Book-Entry Confirmation of the transfer of such original notes into the exchange agent's account at DTC as described above), and the letter of transmittal (or facsimile thereof) with respect to such original notes, properly completed and duly executed, with any required signature guarantees and any other documents required by the letter of transmittal, or a properly transmitted Agent's Message.

Determination of Validity. All questions as to the validity, form, eligibility (including time of receipt), acceptance and withdrawal of tendered original notes will be determined by us in our sole discretion, which determination will be final and binding. We reserve the absolute right to reject any and all original notes not properly tendered or any original notes our acceptance of which, in the opinion of our counsel, would be unlawful.

We also reserve the right to waive any defects, irregularities or conditions of tender as to particular original notes. The interpretation of the terms and conditions of our exchange offer (including the instructions in the letter of transmittal) by us will be final and binding on all parties. Unless waived, any defects or irregularities in connection with tenders of original notes must be cured within such time as we shall determine.

Although we intend to notify holders of defects or irregularities with respect to tenders of original notes through the exchange agent, neither we, the exchange agent nor any other person is under any duty to give such notice, nor shall we or they incur any liability for failure to give such notification. Tendere of original notes will not be deemed to have been made until such defects or irregularities have been cured or waived.

Any original notes received by the exchange agent that are not validly tendered and as to which the defects or irregularities have not been cured or waived, or if original notes are submitted in a principal amount greater than the principal amount of original notes being tendered by such tendering holder, such unaccepted or non-exchanged original notes will either be

- o returned by the exchange agent to the tendering holders as promptly as practicable; or
- o in the case of original notes tendered by book-entry transfer into the exchange agent's account at the Book-Entry Transfer Facility pursuant to the book-entry transfer procedures described above, credited to an account maintained with such Book-Entry Transfer Facility.

By tendering, each registered holder will represent to us that,

- o the exchange notes to be acquired by the holder and any beneficial owner(s) of the original notes in connection with the exchange offer are being acquired by the holder and any beneficial owner(s) in the ordinary course of business of the holder and any beneficial owner(s);

- o the holder and each beneficial owner are not participating, do not intend to participate and have no arrangement or understanding with any person to participate, in a distribution of the exchange notes;
- o the holder and each beneficial owner acknowledge and agree that if the offeree is a broker-dealer holding original notes acquired for its own account as a result of market making activities or other trading activities, it will deliver a prospectus meeting the requirements of the Securities Act in connection with any resale of exchange notes received in respect of original notes pursuant to the exchange offer, but by so acknowledging, the holder shall not be deemed to admit that, by delivering a prospectus, it is an "underwriter" within the meaning of the Securities Act;
- o neither the holder nor any beneficial owner is an "affiliate," as defined under Rule 405 of the Securities Act, of ours except as otherwise disclosed to us in writing; and
- o each holder and each beneficial owner acknowledges and agrees that any person participating in the exchange offer for the purpose of distributing the exchange notes cannot rely on the position of the Staff of the Securities and Exchange Commission set forth in no-action letters that are discussed herein under "--Resale of the Exchange Notes; Plan of Distribution" and that such person must comply with the registration and prospectus delivery requirements for any secondary resale transaction with respect to exchange notes acquired by such person and that such a transaction should be covered by an effective registration statement containing the selling security holder information required by Item 507 of Regulation S-K of the Securities and Exchange Commission.

Each broker-dealer that receives exchange notes for its own account in exchange for original notes, where such original notes were acquired by such broker-dealer as a result of market-making activities or other trading activities, must acknowledge that it will deliver a prospectus in connection with any resale of such exchange notes. For additional information, see "--Resale of the Exchange Notes; Plan of Distribution."

WITHDRAWAL OF TENDERS

Except as otherwise provided in this prospectus and the letter of transmittal, tenders of original notes pursuant to the exchange offer may be withdrawn, unless earlier accepted for exchange as provided in the exchange offer, at any time prior to the Expiration Date of the exchange offer.

To be effective, a written or facsimile transmission notice of withdrawal must be received by the exchange agent at its address set forth herein prior to the Expiration Date of the exchange offer. Any such notice of withdrawal must

- o specify the name of the person having deposited the original notes to be withdrawn;
- o identify the original notes to be withdrawn, including the certificate number or numbers of the particular certificates evidencing the original notes (unless such original notes were tendered by book-entry transfer), and aggregate principal amount of such original notes; and
- o be signed by the holder in the same manner as the original signature on the letter of transmittal (including any required signature guarantees) or be accompanied by documents of transfer sufficient to have the trustee under the indenture register the transfer of the original notes into the name of the person withdrawing such original notes.

If original notes have been delivered pursuant to the procedures for book-entry transfer described in "--Procedures for Tendering Original Notes--Book-Entry Delivery Procedures," any notice of withdrawal must specify the name and number of the account at the appropriate book-entry transfer facility to be credited with such withdrawn original notes and must otherwise comply with such book-entry transfer facility's procedures.

If the original notes to be withdrawn have been delivered or otherwise identified to the exchange agent, a signed notice of withdrawal meeting the requirements discussed above is effective immediately upon written or facsimile notice of withdrawal even if physical release is not yet effected. A withdrawal of original notes can only be accomplished in accordance with these procedures.

All questions as to the validity, form and eligibility (including time of receipt) of such notices will be determined by us in our sole discretion, which determination shall be final and binding on all parties. No withdrawal of original notes will be deemed to have been properly made until all defects or irregularities have been cured or expressly waived. Neither we, the exchange agent nor any other person will be under any duty to give notification of any defects or irregularities in any notice of withdrawal or revocation, nor shall we or they incur any liability for failure to give any such notification. Any original notes so withdrawn will be deemed not to have been validly tendered for purposes of the exchange offer and no exchange notes will be issued with respect thereto unless the original notes so withdrawn are retendered. Properly withdrawn original notes may be retendered by following one of the procedures described above under "--Procedures for Tendering Original Notes" at any time prior to the Expiration Date of the exchange offer.

Any original notes which have been tendered but which are not accepted for exchange due to the rejection of the tender due to uncured defects or the prior termination of the exchange offer, or which have been validly withdrawn, will be returned to the holder thereof unless otherwise provided in the letter of transmittal, as soon as practicable following the Expiration Date of the exchange offer or, if so requested in the notice of withdrawal, promptly after receipt by us of notice of withdrawal without cost to such holder.

CONDITIONS TO THE EXCHANGE OFFER

The exchange offer shall not be subject to any conditions, other than that:

- o the Securities and Exchange Commission has issued an order or orders declaring the indenture governing the notes qualified under the Trust Indenture Act of 1939;
- o the exchange offer, or the making of any exchange by a holder, does not violate applicable law or any applicable interpretation of the staff of the Securities and Exchange Commission;
- o no action or proceeding shall have been instituted or threatened in any court or by or before any governmental agency with respect to the exchange offer;
- o there shall not have been declared by United States federal or New York state authorities a banking moratorium or trading on the New York Stock Exchange or generally in the United States over-the-counter market shall not have been suspended by order of the Securities and Exchange Commission or any other governmental authority; and
- o there shall not have been adopted or enacted any law, statute, rule or regulation prohibiting the exchange offer.

If we determine in our sole discretion that any of the conditions to the exchange offer are not satisfied, we may:

- o refuse to accept any original notes and return all tendered original notes to the tendering holders;
- o extend the exchange offer and retain all original notes tendered prior to the Expiration Date applicable to the exchange offer, subject, however, to the rights of holders to withdraw such original notes (see "-- Withdrawal of Tenders"); or
- o waive any unsatisfied conditions with respect to the exchange offer and accept all validly tendered original notes which have not been withdrawn.

If any waiver constitutes a material change to the exchange offer, we will promptly disclose such waiver by means of a prospectus supplement that will be distributed to the registered holders and will extend the exchange offer for a period of five to ten business days, depending upon the significance of the waiver and the manner of disclosure to the registered holders, if the exchange offer would otherwise expire during such five to ten business day period.

EXCHANGE AGENT

The Bank of New York, the trustee under the indenture governing the notes, has been appointed as exchange agent for the exchange offer. Questions and requests for assistance, requests for additional copies of this prospectus or of the letter of transmittal and requests for Notices of Guaranteed Delivery and other documents should be directed to the exchange agent addressed as follows:

By Registered or Certified Mail:
The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street - 7 East
New York, New York 10286

By Facsimile: (Eligible Institutions Only):
(212) 298-1915
To Confirm by Telephone or for Information Call:
(212) 815-3738

By Hand or Overnight Delivery:
The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street
Corporate Trust Services Window

FEES AND EXPENSES

We will bear the expenses of soliciting tenders of original notes. The principal solicitation is being made by mail; however, additional solicitation may be made by telegraph, telecopy, telephone or in person by officers and regular employees of National Oilwell and its affiliates.

No dealer-manager has been retained in connection with the exchange offer and no payments will be made to brokers, dealers or others soliciting acceptance of the exchange offer. However, reasonable

and customary fees will be paid to the exchange agent for its services and it will be reimbursed for its reasonable out-of-pocket expenses in connection therewith.

We estimate that our out of pocket expenses for the exchange offer will be approximately \$150,000. These expenses include fees and expenses of the exchange agent and the trustee under the indenture, accounting and legal fees and printing costs, among others.

We will pay all transfer taxes, if any, applicable to the exchange of the original notes pursuant to the exchange offer. If, however, a transfer tax is imposed for any reason other than the exchange of the original notes pursuant to the exchange offer, then the amount of any such transfer taxes (whether imposed on the registered holder or any other persons) will be payable by the tendering holder. If satisfactory evidence of payment of such taxes or exemption therefrom is not submitted with the letter of transmittal, the amount of such transfer taxes will be billed directly to such tendering holder.

ACCOUNTING TREATMENT

The exchange notes will be recorded in our books at the carrying value of the original notes and we will not recognize gain or loss for accounting purposes. The expenses of the exchange offer will be amortized over the term of the exchange notes.

RESALE OF THE EXCHANGE NOTES; PLAN OF DISTRIBUTION

Based on interpretation of the Securities Act by the staff of the Securities and Exchange Commission set forth in several no-action letters to other persons, and subject to the immediately following sentence, we believe that the exchange notes issued in the exchange offer may be offered for resale, resold and otherwise transferred by holders thereof without further compliance with the registration and prospectus delivery provisions of the Securities Act. However, any purchaser of notes who is an "affiliate" of ours or who intends to participate in the exchange offer for the purpose of distributing the exchange notes, or any broker-dealer who purchased the notes from us to resell pursuant to Rule 144A or any other available exemption under the Securities Act, (1) will not be able to rely on the interpretation by the staff of the Securities and Exchange Commission set forth in the above referenced no-action letters, (2) will not be able to tender the notes in the exchange offer and (3) must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any sale or transfer of the notes, unless such sale or transfer is made pursuant to an exemption from such requirements. We do not intend to seek our own no-action letter, and there is no assurance that the staff of the Securities and Exchange Commission would make a similar determination with respect to the exchange notes as it has in the no-action letters to other persons.

Each holder of original notes who wishes to exchange the original notes for the exchange notes in the exchange offer will be required to make representations, including that (1) it is neither an affiliate of ours nor a broker-dealer tendering notes acquired directly from us for its own account, (2) any exchange notes to be received by it shall be acquired in the ordinary course of its business and (3) at the time of commencement of the exchange offer, it has no arrangement or understanding with any person to participate in the distribution of the exchange notes (within the meaning of the Securities Act). In addition, in connection with any resales of the exchange notes, any participating broker-dealer must deliver a prospectus meeting the requirements of the Securities Act. The staff of the Securities and Exchange Commission has taken the position that participating broker-dealers may fulfill their prospectus delivery requirements with respect to the exchange notes (other than a resale of an unsold allotment from the original sale of the notes) with this prospectus. Under the registration rights agreement, we are required to allow participating broker-dealers to use this prospectus (as it may be amended or supplemented from time to time) in connection with the resale of exchange notes received in exchange for original notes acquired by such participating broker-dealers for their own account as a result of market-making or other trading activities.

We will not receive any proceeds from any sale of exchange notes by broker-dealers. Exchange notes received by broker-dealers for their own account pursuant to the exchange offer may be sold from time to time in one or more transactions

- o in the over-the-counter market;
- o in negotiated transactions;
- o through the writing of options on the exchange notes or a combination of such methods of resale;
- o at market prices prevailing at the time of resale;
- o at prices related to such prevailing market prices; or
- o at negotiated prices.

Any such resale may be made directly to purchasers or to or through brokers or dealers who may receive compensation in the form of commissions or concessions from any such broker-dealer or the purchasers of any such exchange notes.

Any broker-dealer that resells exchange notes that were received by it for its own account pursuant to the exchange offer and any broker or dealer that participates in a distribution of such exchange notes may be deemed to be an "underwriter" within the meaning of the Securities Act and any profit on any such resale of exchange notes and any commission or concessions received by any such persons may be deemed to be underwriting compensation under the Securities Act. The letter of transmittal states that, by acknowledging that it will deliver a prospectus and by delivering a prospectus, a broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act.

We have agreed to pay all expenses incident to the exchange offer (including in the case of the filing of a shelf registration statement the expenses of one counsel for the holders of the original notes other than commissions or concessions of any brokers or dealers and will indemnify the holders of the original notes (including any broker-dealers) required to use this prospectus in connection with their resale of exchange notes as described above against certain liabilities, including liabilities under the Securities Act.

USE OF PROCEEDS

The exchange offer is intended to satisfy our obligations under the registration rights agreement. We will not receive any cash proceeds from the issuance of the exchange notes offered by this prospectus. In consideration for issuing the exchange notes as contemplated in this prospectus, we will receive in exchange original notes in like principal amount, the form and terms of which are the same as the form and terms of the exchange notes, except as otherwise described in this prospectus under "The Exchange Offer -- Terms of the Exchange Offer." The original notes surrendered in exchange for the exchange notes will be retired and canceled and cannot be reissued. Accordingly, the issuance of the exchange notes will not result in any increase in our indebtedness.

DESCRIPTION OF NOTES

GENERAL

The original notes were issued, and the exchange notes are to be issued, under an indenture dated as of November 22, 2002. The indenture is a contract between us and The Bank of New York, which acts as trustee. The indenture will not be qualified under the Trust Indenture Act of 1939, except upon effectiveness of the registration statement for the exchange offer. By its terms however, the indenture incorporates certain provisions of the Trust Indenture Act and, upon consummation of the exchange offer, the indenture will be subject to and governed by the Trust Indenture Act. The indenture and the notes contain the full legal text of the matters described in this section. The indenture and the notes are governed by New York law. We have filed a copy of the indenture as an exhibit to the registration statement of which this prospectus is a part.

The following is a description of the material provisions of the notes and the indenture and is a summary only. Because this section is a summary, it does not describe every aspect of those documents. This summary is subject to and qualified in its entirety by reference to all the provisions of those documents, including definitions of terms referenced in this prospectus. References in this summary to the notes include the original notes and the exchange notes unless the context otherwise requires.

The notes are direct, unsecured and senior obligations of National Oilwell. The indenture does not limit our ability to incur additional indebtedness.

PRINCIPAL AND MATURITY

The notes mature on November 15, 2012, unless sooner redeemed. Although only \$200,000,000 in aggregate principal amount of the original notes were issued, we may, so long as no Event of Default under the indenture has occurred and is continuing, issue and sell additional principal amounts of the notes in the future without the consent of the holders of the notes. The original notes and the exchange notes, together with any additional notes subsequently issued under this indenture, will constitute a single series of notes under the indenture.

The notes are not entitled to the benefits of a sinking fund.

All of the notes are held initially in the form of one or more global notes. See "--Legal Ownership--Global Notes" for a general description of the global notes.

INTEREST

The notes bear interest from November 22, 2002 at the annual rate set forth on the cover page of this prospectus, payable semi-annually in arrears on May 15 and November 15 of each year to noteholders in whose name the notes are registered at the close of business on May 1 or November 1 (whether or not a business day) preceding the applicable interest payment date. We refer to each of those payment days as an interest payment date. If an interest payment date or a redemption date occurs on a date which is not a business day, payment will be made on the next business day and no additional interest will accrue. Interest payments will commence on May 15, 2003.

Interest on the notes is computed on the basis of a 360-day year comprised of twelve 30-day months.

RANKING

The notes rank equally with all of our existing and future unsecured senior indebtedness and senior to all of our existing and future subordinated debt. The indenture does not limit our ability to incur additional indebtedness. Because we are a holding company that conducts all of our operations through subsidiaries, the notes will be effectively subordinated to all obligations of our subsidiaries. Consequently, our right to receive assets of any subsidiary (and thus the ability of noteholders to benefit indirectly from these assets) is subject to the prior claims of creditors of that subsidiary. As of December 31, 2002, we have senior indebtedness of \$500 million, none of which is secured. In addition, Hydralift ASA, a subsidiary of National Oilwell, had unsecured indebtedness of approximately \$94 million at December 31, 2002.

The indenture governing the notes permits us to incur an unlimited amount of indebtedness. Our subsidiaries may also incur an unlimited amount of indebtedness. The notes are not guaranteed by any of our subsidiaries.

OPTIONAL REDEMPTION

The notes are redeemable, at our option, at any time in whole, or from time to time in part, upon not less than 30 and not more than 60 days' notice mailed to each holder of notes to be redeemed at the holder's address appearing in the note register, at a price equal to 100% of the principal amount of the notes plus accrued and unpaid interest, if any, to the redemption date and a make-whole premium, if any. Holders of record on the relevant record date have the right to receive interest due on an interest payment date that is on or prior to the redemption date. The redemption price will never be less than 100% of the principal amount of the notes plus accrued interest to the redemption date.

The amount of the make-whole premium on any note, or portion of a note, to be redeemed will be equal to the excess, if any, of:

- (1) the sum of the present values, calculated as of the redemption date, of:
 - o each interest payment that, but for the redemption, would have been payable on the note, or portion of a note, being redeemed on each interest payment date occurring after the redemption date, excluding any accrued interest for the period prior to the redemption date; plus
 - o the principal amount that, but for the redemption, would have been payable on the maturity date of the note, or portion of a note, being redeemed;

over

- (2) the principal amount of the note, or portion of a note, being redeemed.

The present values of interest and principal payments referred to in clause (1) above will be determined in accordance with generally accepted principles of financial analysis. The present values will be calculated by discounting the amount of each payment of interest or principal from the date that each such payment would have been payable, but for the redemption, to the redemption date at a discount rate equal to the Treasury Yield, as defined below, plus 25 basis points.

We will appoint an independent investment banking institution of national standing to calculate the make-whole premium; provided that if we fail to appoint an institution at least 45 days prior to the date set for redemption or if the institution that we appoint is unwilling or unable to make such calculation, such calculation will be made by Merrill Lynch & Co. or if such firm is unwilling or unable

to make such calculation, by an independent investment banking institution of national standing appointed by the trustee.

For purposes of determining the make-whole premium, "Treasury Yield" refers to an annual rate of interest equal to the weekly average yield to maturity of United States Treasury Notes that have a constant maturity that corresponds to the remaining term to maturity of the notes, calculated to the nearest 1/12th of a year, which we call the remaining term. The Treasury Yield will be determined as of the third business day immediately preceding the applicable redemption date.

The weekly average yields of United States Treasury Notes will be determined by reference to the most recent statistical release published by the Federal Reserve Bank of New York and designated "H.15(519) Selected Interest Rates" or any successor release, which we call the H.15 Statistical Release. If the H.15 Statistical Release sets forth a weekly average yield for United States Treasury Notes having a constant maturity that is the same as the remaining term, then the Treasury Yield will be equal to such weekly average yield. In all other cases, the Treasury Yield will be calculated by interpolation, on a straight-line basis, between the weekly average yields on the United States Treasury Notes that have a constant maturity closest to and greater than the remaining term and the United States Treasury Notes that have a constant maturity closest to and less than the remaining term, in each case as set forth in the H.15 Statistical Release. Any weekly average yields as calculated by interpolation will be rounded to the nearest 0.01%, with any figure of 0.005% or more being rounded upward. If weekly average yields for United States Treasury Notes are not available in the H.15 Statistical Release or otherwise, then the Treasury Yield will be calculated by interpolation of comparable rates selected by the independent investment banking institution.

If less than all of the notes are to be redeemed, the trustee will select the notes to be redeemed pro rata or by lot or by another method that the trustee deems fair and appropriate not more than 60 days prior to the redemption date. The trustee may select for redemption notes and portions of notes in amounts equal to whole multiples of \$1,000.

SAME DAY SETTLEMENT

The original notes trade in, and the exchange notes will trade in, The Depository Trust Company's settlement system until maturity. As a result, The Depository Trust Company will require secondary trading activity in the notes to be settled in immediately available funds. So long as the notes continue to trade in The Depository Trust Company's settlement system, all payments of principal and interest on the global notes will be made by us in immediately available funds.

IMPORTANT COVENANTS

Certain Definitions. The following definitions are applicable to the discussion of the indenture covenants in this summary.

"Consolidated Net Tangible Assets" means the aggregate amount of assets included on our consolidated balance sheet, less applicable reserves and other properly deductible items and after deducting therefrom (a) all current liabilities (other than liabilities that, by their terms, are extendable or renewable at the option of the obligor to a date that is 12 months or more after the date on which such current liabilities are determined) and (b) all goodwill, trade names, trademarks, patents, copyrights, unamortized debt discount and expense and other like intangibles, all in accordance with generally accepted accounting principles consistently applied.

"Government Securities" means direct obligations of, or obligations guaranteed by, the United States of America for the payment of which guarantees or obligations the full faith and credit of the United States is pledged.

"Lien" means, with respect to any property or asset, any mortgage, pledge, lien, encumbrance, charge or security interest of any kind in respect of such property or asset, whether or not filed, recorded or otherwise perfected under applicable law, but excluding agreements to refrain from granting Liens.

"Permitted Liens" means:

- o certain purchase money Liens;
- o statutory liens or landlords', carriers', warehouseman's, mechanics', suppliers', materialmen's, repairmen's or other similar Liens arising in the ordinary course of business and with respect to amounts not yet delinquent or being contested in good faith by appropriate proceedings;
- o Liens existing on property at the time we or a Restricted Subsidiary acquire it;
- o Liens existing on the property or on the outstanding shares or indebtedness of any Person at the time it becomes a Restricted Subsidiary;
- o Liens on property of a Person existing at the time such Person is merged into or consolidated with us or a Restricted Subsidiary;
- o Liens in favor of governmental bodies to secure certain progress or advance payments;
- o Liens existing on property we or any of our Subsidiaries own on the date of the indenture or provided for pursuant to agreements existing on the date of the indenture;
- o Liens created pursuant to the creation of trusts or other arrangements funded solely with cash, cash equivalents or other marketable investments or securities of the type customarily subject to such arrangements in customary financial practice with respect to long-term or medium-term indebtedness for borrowed money, the sole purpose of which is to make provision for the retirement or defeasance, without prepayment of indebtedness; or
- o certain extensions, renewals or replacements in whole or in part of a Lien enumerated in any of the foregoing.

"Person" means (a) any form of business entity, association, grouping, trust or other form now or hereafter permitted by the laws of any state of the United States of America or any foreign government or utilized by businesses in the conduct of their activities and (b) a natural person, as the context may require.

"Principal Property" means any real property, manufacturing plant, office building, warehouse or other physical facility, or any other like depreciable asset of us or any Restricted Subsidiary, whether owned at the date of the indenture or thereafter acquired that in the opinion of our Board of Directors is of material importance to the total business we and our Restricted Subsidiaries conduct, as a whole; provided, however, that any such property shall not be deemed a Principal Property if such property does not have a fair value in excess of 5% of the total assets included on a consolidated balance sheet of us and our Restricted Subsidiaries prepared in accordance with generally accepted accounting principles consistently applied.

"Restricted Subsidiary" means (a) any currently existing Subsidiary whose principle assets and business are located in the United States or Canada and (b) any Subsidiary that we designate to be a Restricted Subsidiary.

"Sale and Leaseback Transaction" means the sale or transfer by us or a Restricted Subsidiary of any Principal Property owned by it or us with the intention of taking back a lease on such property.

"Secured Debt" means indebtedness for money we or a Restricted Subsidiary borrow, and any other indebtedness of us or a Restricted Subsidiary, on which interest is paid or payable (other than indebtedness owed by a Restricted Subsidiary to us, by a Restricted Subsidiary to another Restricted Subsidiary or by us to a Restricted Subsidiary), that in any such case is secured by (a) any Lien on any Principal Property of us or a Restricted Subsidiary or (b) a Lien on any shares of stock or indebtedness of a Restricted Subsidiary that owns a Principal Property. The amount of Secured Debt at any time outstanding shall be the amount we or a Restricted Subsidiary then owe thereon.

"Significant Subsidiary" means a subsidiary that would be a "Significant Subsidiary" within the meaning of Rule 1-02 under Regulation S-X promulgated by the Securities and Exchange Commission.

"Subsidiary" means, with respect to any Person, (a) any corporation of which we, or we and one or more Subsidiaries, or any one or more Subsidiaries, directly or indirectly own voting securities entitling any one or more of us and our Subsidiaries to elect a majority of the directors, either at all times, or so long as there is no default or contingency which permits the holders of any other class or classes of securities to vote for the election of one or more directors, (b) any partnership of which we, or we and one or more of our Subsidiaries, or any one or more Subsidiaries, is, at the date of determination, a general or limited partner of such partnership, but only if we and our Subsidiaries are entitled to receive more than 50% of the assets of such partnership upon dissolution or more than 50% of the profits of such partnership, or (c) any other Person (other than a corporation or partnership) in which we, or we and one or more Subsidiaries, or any one or more Subsidiaries, directly or indirectly, at the date of determination thereof, has (x) at least a majority ownership interest or (y) the power to elect or direct the election of a majority of the directors or other governing body of such Person.

Limitation on Liens. The indenture provides that we will not, nor will we permit any Restricted Subsidiary to, create, incur, issue, assume or guarantee any Secured Debt without making effective provision whereby the notes then outstanding and any other indebtedness of or guaranteed by us or any of our Restricted Subsidiaries then entitled thereto, subject to applicable priorities of payment, shall be secured by a Lien equally and ratably with any and all other obligations and indebtedness thereby secured, so long as any of the other obligations and indebtedness shall be so secured; provided, that if any such Lien securing such Secured Debt ceases to exist, such equal and ratable security for the benefit of the noteholders shall automatically cease to exist without any further action; provided, further, that if the Secured Debt is expressly subordinated to the notes, the Lien securing such subordinated Secured Debt shall be subordinate and junior to the Lien securing the notes with the same relative priority as such Secured Debt shall have with respect to the notes. These provisions do not apply to Secured Debt that is secured by Permitted Liens.

Notwithstanding these restrictions, we and our Restricted Subsidiaries may, without equally and ratably securing the notes, create, incur, issue, assume or guarantee Secured Debt not otherwise permitted or excepted if the sum of (a) the amount of such Secured Debt plus (b) the aggregate value of Sale and Leaseback Transactions (excluding Sale and Leaseback Transactions described in clauses (1) through (4) of "Limitation on Sale and Leaseback Transactions") does not exceed 10% of Consolidated Net Tangible Assets (as shown in our quarterly consolidated balance sheet most recently published prior to the date of the creation, incurrence, issuance, assumption or guarantee).

Limitation on Sale and Leaseback Transactions. The indenture provides that we will not, and we will not permit any of our Restricted Subsidiaries to, engage in a Sale and Leaseback Transaction unless:

- (1) the Sale and Leaseback Transaction occurs within one year from the date of completion of the acquisition of the Principal Property subject thereto or the date of the completion

of construction, development or substantial repair or improvement, or commencement of full operations, on such Principal Property, whichever is later;

- (2) the Sale and Leaseback Transaction involves a lease for a period, including renewals, of not more than three years;
- (3) we or a Restricted Subsidiary would be entitled to incur Secured Debt secured by a Lien on the Principal Property subject thereto in a principal amount equal to or exceeding the net sale proceeds from such Sale and Leaseback Transaction without equally and ratably securing the notes pursuant to the covenant "Limitation on Liens" described above; or
- (4) we or a Restricted Subsidiary, within a one-year period after such Sale and Leaseback Transaction, apply or cause to be applied an amount not less than the net sale proceeds from such Sale and Leaseback Transaction to:
 - o the redemption of the notes or the prepayment, repayment, reduction or retirement of any of our indebtedness that ranks pari passu with the notes; or
 - o the expenditure or expenditures for Principal Property used or to be used in the ordinary course of our business or the business of any of our Restricted Subsidiaries.

Notwithstanding the foregoing, our indenture provides that we may, and may permit each of our Restricted Subsidiaries to, effect any Sale and Leaseback Transaction that is not excepted by clauses (1) through (4) (inclusive) of the above paragraph, provided that, after giving effect thereto and the application of proceeds, if any, received by us or any Restricted Subsidiaries as a result thereof, the net sale proceeds from such Sale and Leaseback Transaction, together with the aggregate principal amount of all Secured Debt then outstanding (other than the notes) secured by Liens upon Principal Property that are not Permitted Liens would not exceed 10% of the Consolidated Net Tangible Assets (as shown in our quarterly consolidated balance sheet most recently published prior to the date such Sale and Leaseback Transaction is effected).

CONSOLIDATION, MERGER AND SALE OF ASSETS

The indenture provides that we may (a) consolidate with or merge into, or (b) sell, convey, transfer, lease or otherwise dispose of our properties and assets substantially as an entirety to, any Person, provided that (i) the Person surviving such consolidation or merger (if we are not the continuing entity) or to which the sale, conveyance, transfer, lease or other disposition will be made is a Person organized and validly existing under the laws of the United States, any political subdivision thereof or any State thereof and assumes by supplemental indenture all of our obligations on the notes and under the indenture and (ii) after giving effect to the transaction, no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, exists. Upon a disposition of assets as described in clause (b) of the preceding sentence, we will be released from any further liability under the notes and the indenture.

EVENTS OF DEFAULT

In the indenture with respect to the notes an Event of Default will mean any of the following:

- o failure to pay principal of, or any premium on, any note when due;
- o failure to pay any interest on any note when due, and the continuance of that failure for 30 days;

- o failure to perform or observe any other covenant in the notes or indenture, and the continuance of such default for 60 days after written notice has been given by the trustee, or the holders of at least 25% in principal amount of the notes, as provided in the indenture;
- o our indebtedness or the indebtedness of any Subsidiary is not paid when due within the applicable grace period, if any, or is accelerated by the holders thereof and, in either case, the principal amount of the unpaid or accelerated indebtedness exceeds \$20 million; or
- o the bankruptcy, insolvency or reorganization of us, a Significant Subsidiary or a group of Subsidiaries that would constitute a Significant Subsidiary.

If an Event of Default (other than an Event of Default, as a result of the bankruptcy, insolvency or reorganization of us, a Significant Subsidiary or a group of Subsidiaries that would constitute a Significant Subsidiary) occurs and continues, either the trustee or the holders of at least 25% in aggregate principal amount of the notes, by notice to us, may declare the principal amount of all notes to be due and payable immediately. If an Event of Default occurs as a result of the bankruptcy, insolvency or reorganization of us, a Significant Subsidiary or a group of Subsidiaries that would constitute a Significant Subsidiary, the principal amount of all the notes will automatically, and without any action by the trustee or any holder, become immediately due and payable. After any acceleration, but before a judgment or decree for the payment of the money due has been obtained by the trustee, the holders of a majority in aggregate principal amount of the notes, by written notice to the trustee, may rescind and annul the acceleration and its consequences if all Events of Default, other than the non-payment of accelerated principal, have been cured or waived as provided in the indenture. For information as to waiver of defaults, see "Modification and Waiver" below.

Other than its duties in case of a default that is continuing, the trustee is under no obligation to exercise any of its rights or powers under the indenture at the request of any holders, unless the holders offer the trustee security or indemnity satisfactory to the trustee against any loss, liability or expense. Subject to these provisions to indemnify the trustee, the holders of a majority in aggregate principal amount of the notes have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, for the notes.

No holder of any note has the right to institute any proceeding with respect to the indenture, or for the appointment of a receiver or a trustee, or for any other remedy thereunder, unless:

- o the holder has previously given written notice of a continuing Event of Default to the trustee;
- o the holders of at least 25% in aggregate principal amount of the notes have made written request, and have offered indemnity satisfactory to the trustee against any loss, liability or expense to be incurred in complying with such request, to institute proceedings in respect of such Event of Default; and
- o the trustee has failed to institute such proceeding, and has not received from the holders of a majority in aggregate principal amount of the notes a direction inconsistent with such request, within 60 days after notice, request and offer.

These limitations do not apply if a holder institutes a proceeding for the enforcement or payment of the principal of, or the premium or interest on, any note on or after the applicable due date specified in such note.

We are required to furnish the trustee with an annual statement from our officers as to whether or not, to our knowledge, a Default or an Event of Default has occurred during the year, and, if so, specifying all such known Defaults or Events of Default. We are also required to furnish the Trustee with a statement from our officers, as soon as possible, but within 5 days after we become aware that a Default or Event of Default has occurred specifying the details of such Default or Event of Default and the action we propose to take with respect thereto. If a Default or Event of Default occurs and is continuing and if it is actually known to a responsible officer of the trustee, the trustee must mail to the noteholders a notice of the Default or Event of Default within 90 days after it occurs. Except in the case of a Default or Event of Default in payment of principal, interest or premium, if any, on any note, the trustee may withhold the notice, if and so long as, a committee of its responsible officers in good faith determines that withholding the notice is in the interests of the noteholders.

MODIFICATION AND WAIVER

Under the indenture, generally we and the trustee may modify our rights and obligations with the consent of the holders of a majority in principal amount of the notes. We may not modify or amend the indenture, without the consent of the holder of each note affected thereby, if the amendment or modification would (with respect to any notes held by a nonconsenting holder):

- o change the maturity date of the principal of, or any installment of principal of or interest on, any note;
- o reduce the principal amount of, or any interest on, any note;
- o reduce the amount of principal of any note payable upon acceleration of the maturity date;
- o change the place or currency of payment of principal of, or interest on, any note;
- o impair the right to institute suit for the enforcement of any payment on or with respect to any note;
- o reduce the percentage in principal amount of the notes, the consent of whose holders is required for modification or amendment of the indenture;
- o reduce the percentage in principal amount of the notes necessary for waiver of compliance with certain provisions of the indenture or for waiver of certain defaults;
- o modify such provisions with respect to modification and waiver;
- o waive, reduce or modify a make-whole premium with respect to any note called for redemption; or
- o make changes to the amendment and waiver provisions of the indenture, or to the provisions relating to waivers of past defaults or institution of proceedings for payment of principal, any premium or interest.

Without the consent of any noteholder, we and the trustee may amend the indenture:

- o to cure any ambiguity, defect or inconsistency;
- o to provide for uncertificated notes in addition to or in place of certificated notes or to alter the provisions relating to the form, issuance, delivery, transfer, exchange, replacement

and other limited matters with respect to the notes in a manner that does not materially adversely affect any holder;

- o to provide for the assumption of our obligations to noteholders in the case of a merger, consolidation or sale of all or substantially all of our assets;
- o to make any change that would provide any additional rights or benefits to the noteholders or that does not adversely affect the legal rights of any noteholder in any material respect;
- o to comply with requirements of the Securities and Exchange Commission in order to effect or maintain the qualification of the indenture under the Trust Indenture Act; or
- o to allow any guarantor to guarantee the notes.

Holders of a majority in principal amount of the notes may waive our compliance with certain restrictive provisions of the indenture or waive any past default under the indenture, except a continuing default in the payment of principal of, any premium or interest on the notes and covenants and provisions of the indenture that require the consent of the holder of each note affected thereby.

Except in certain limited circumstances, we are entitled to set any day as a record date for the purpose of determining the noteholders entitled to give or take any direction, notice, consent, waiver or other action under the indenture, in the manner and subject to the limitations provided in the indenture. In certain limited circumstances, the trustee may be entitled to set a record date for noteholder action or for payments if there is a default. If a record date is set for action to be taken by the noteholders, only persons who are noteholders on the record date may take the action. To be effective, action must be taken by holders of the requisite principal amount of the notes within a specified period following the record date. For any particular record date, this period will be 180 days or such shorter period as may be specified by us (or the trustee, if it sets the record date), and may be shortened or lengthened (but not beyond 180 days) from time to time.

DISCHARGING OUR OBLIGATIONS; DEFEASANCE

Satisfaction and Discharge. We may satisfy and discharge certain of our obligations with respect to notes which have not already been delivered to the trustee for cancellation and which have either become due and payable or are by their terms due and payable within one year by:

- o depositing or causing to be deposited with the trustee money or Government Securities in an amount sufficient to pay and discharge the principal and any premium and interest to the date of such deposit (in case of the notes which have become due and payable) or to the maturity date, as the case may be;
- o paying or causing to be paid all other sums payable under the indenture with respect to the notes; and
- o delivering to the trustee an Officer's Certificate and opinion of counsel relating to our satisfaction and discharge.

Defeasance and Discharge. We may discharge all of our indebtedness and obligations with respect to the notes (except for obligations to exchange or register the transfer of the notes, to replace stolen, lost or mutilated outstanding notes, to maintain paying agencies and to hold moneys for payment in trust) upon the deposit in trust for the benefit of the noteholders of money or Government Securities, or both, which, through the payment of principal and interest in respect thereof in accordance with their

terms, will provide money in an amount sufficient to pay the principal of, any premium and interest on the notes on the maturity date in accordance with the terms of the indenture and the notes. Such defeasance or discharge may occur only if, among other things, we have delivered to the trustee an opinion of counsel to the effect that we have received from, or there has been published by, the United States Internal Revenue Service a ruling, or there has been a change in tax law, in either case to the effect that the noteholders will not recognize gain or loss for federal income tax purposes as a result of such deposit, defeasance and discharge and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if such deposit, defeasance and discharge were not to occur.

Defeasance of Certain Covenants. The indenture provides that we may omit to comply with certain restrictive covenants, including the covenants described under "Limitation on Liens," "Limitation on Sale and Leaseback Transactions" and "Consolidation, Merger and Sale of Assets," in which event certain Events of Default, which are described above (with respect to such respective covenants) under "Events of Default," will no longer constitute Events of Default. In order to exercise such option to defease such covenants, we will be required to deposit, in trust for the benefit of the noteholders, money or Government Securities, or both, which, through the payment of principal and interest in respect thereof in accordance with their terms, will provide money in an amount sufficient to pay the principal of, any premium and interest on the notes on the maturity date in accordance with the terms of the indenture and the notes. We will also be required, among other things, to deliver to the trustee an opinion of counsel to the effect that noteholders will not recognize gain or loss for federal income tax purposes as a result of such deposit and defeasance of certain obligations and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if such deposit and defeasance were not to occur.

If subsequent to the completion of a defeasance of certain covenants as described in the immediately preceding paragraph, the notes are declared due and payable because of the occurrence of any remaining Event of Default, the amount of money and Government Securities we deposit in trust may be sufficient to pay amounts due on the notes on the maturity date but may not be sufficient to pay amounts due on the notes upon any acceleration resulting from such Event of Default. In such case, we would remain liable for such payments.

CONCERNING THE TRUSTEE

The Bank of New York is the trustee under the indenture.

LEGAL OWNERSHIP

Street Name and Other Indirect Holders. Investors who hold notes in accounts at banks, brokers and other financial institutions will generally not be recognized by us as legal holders of notes. This is called holding in street name. These intermediary banks, brokers and other financial institutions pass along principal, interest and other payments on the notes, either because they agree to do so in their customer agreements or because they are legally required to do so. If you hold notes in street name, you should check with your own institution to find out:

- o how it handles securities payments and notices;
- o whether it imposes fees or charges;
- o how it would handle voting, if required; and
- o how it would pursue rights under the notes if there were a default or other event triggering the need for holders to act to protect their interests.

Direct Holders. Our obligations, as well as the obligations of the trustee and those of any third parties employed by us or the trustee, extend only to persons who are registered as holders of notes. We do not have any responsibility for any aspect of the records relating to or payments made on account of beneficial ownership interest in a global note, for maintaining, supervising or reviewing any records relating to such beneficial ownership interests or for any action taken or omitted to be taken by DTC or any participant because the notes are issued in the form of global notes as described below. For example, once we make a payment to the registered holder, we have no further responsibility for the payment, even if that holder is legally required to pass the payment along to you as a street name customer but does not do so.

Global Notes. A global note is a special type of indirectly held note. Because we issued the original notes, and will issue the exchange notes only in the form of global notes, the ultimate beneficial owners can only be indirect holders. We do this by requiring that the global notes be registered in the name of a financial institution we select and by requiring that the notes included in the global notes not be transferred to the name of any other direct holder unless the special circumstances described below occur. The financial institution that acts as the sole direct holder of the global note is called the depository. Any person wishing to own a note must do so indirectly by virtue of an account with a bank, broker or other financial institution that in turn has an account with the depository.

Special Investor Considerations for Global Notes. As an indirect holder, an investor's rights relating to the global notes will be governed by the account rules of the investor's bank, broker or other financial institution and of the depository, as well as general laws relating to securities transfers. We do not recognize this type of investor as a holder of notes and instead deal only with the depository that holds the global notes.

If you are an investor, you should be aware that:

- o you cannot get notes registered in your own name, except in limited circumstances described in the indenture;
- o you cannot receive physical certificates for your interest in the notes, except in limited circumstances described in the indenture;
- o you will be a street name holder and must look to your own bank, broker or other financial institution for payments on the notes and protection of your legal rights relating to the notes; see "--Street Name and Other Indirect Holders;"
- o you may not be able to sell or pledge your interest in the notes to some insurance companies and other institutions that are required by law to own their securities in the form of physical certificates;
- o the depository's policies will govern payments, transfers, exchange and other matters relating to your interest in the global notes. We and the trustee have no responsibility for any aspect of the depository's actions or for its records of ownership interest in the global notes. We and the trustee also do not supervise the depository in any way;
- o so long as the depository, or its nominee, is the registered owner or holder of a global note, the depository, or its nominee, will be considered the sole owner or holder of the notes represented by the global note for all purposes under the indenture, the notes and applicable law, including having the right to sue for nonpayment of principal and interest; and

- o as an indirect owner, you will not be able to transfer the interest in the global note, except in accordance with the depositary's applicable procedures (in addition to those under the indenture referred to herein).

Special Situations When Global Notes Will Be Terminated. In a few special situations described in the next paragraph, the global notes will terminate and interests in them will be exchanged for physical certificates representing the notes. After that exchange, the choice of whether to hold notes directly or in street name will be up to you. You must consult your own bank, broker or other financial institution to find out how to have your interests in the notes transferred to your own name, so that you will be a direct holder. The rights of street name investors and direct holders in the notes have been previously described in the subsections entitled "--Street Name and Other Indirect Holders" and "--Direct Holders."

The special situations for termination of the global notes are:

- o when the depositary notifies us that it is unwilling, unable or no longer qualified to continue as depositary; and
- o when we notify the trustee that we wish to terminate the global notes.

ADDITIONAL MECHANICS

Global Notes. The original notes were issued in the form of one or more registered notes in global form, without interest coupons, which we call the Rule 144A Global Notes. The Rule 144A Global Notes were deposited on the date of closing of the initial sale of the original notes with, or on behalf of, The Depository Trust Company or will remain in the custody of the trustee pursuant to the FAST Balance Certificate Agreement between The Depository Trust Company and the trustee, and registered in the name of Cede & Co., as nominee of The Depository Trust Company. Interests in the Rule 144A Global Notes are available for purchase only by qualified institutional buyers.

The Depository Trust Company has advised 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, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code and a "clearing agency" registered pursuant to Section 17A of the Securities Exchange Act of 1934 (the "Exchange Act"). The Depository Trust Company was created to hold securities of persons who have accounts with The Depository Trust Company, otherwise known as participants, and to facilitate the clearance and settlement of securities transactions among its participants in securities through electronic book-entry changes in accounts of the participants, thereby eliminating the need for physical movement of certificates. These participants include securities brokers and dealers, banks, trust companies and other clearing corporations. Indirect access to The Depository Trust Company's book-entry system also is available to others, such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a participant, either directly or indirectly. The Depository Trust Company is owned by a number of its direct participants and by the New York Stock Exchange, Inc., the American Stock Exchange LLC and the National Association of Securities Dealers, Inc. The rules applicable to The Depository Trust Company and its direct and indirect participants are on file with the Securities and Exchange Commission.

Form, Exchange and Transfer of Physical Notes. The following discussion only applies if the global notes are terminated as described above under "--Legal Ownership--Global Notes--Special Situations When Global Notes Will Be Terminated" and the notes are issued in the form of physical certificates.

The notes will be issued:

- o only in registered form;
- o without interest coupons; and
- o in denominations that are even multiples of \$1,000.

You may have your notes divided into more notes of smaller denominations (but not less than \$1,000) or combined into fewer notes of larger denominations, as long as the total principal amount is not changed. This is called an exchange.

You may exchange or transfer notes at the office of the trustee. The trustee acts as our agent for registering notes in the names of holders and transferring notes. We may change this appointment to another entity or perform these functions ourselves. The entity performing the role of maintaining the list of registered holders is called the security registrar. It will also perform transfers. You will not be required to pay a service charge to transfer or exchange the notes, but you may be required to pay for any tax or other governmental charge associated with the transfer or exchange. The transfer or exchange will only be made if the security registrar is satisfied with your proof of ownership.

We may cancel the designation of any particular transfer agent. We may also approve a change in the office through which any transfer agent acts.

MATERIAL UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS

The following discussion summarizes the material United States federal income tax consequences of the exchange of original notes for exchange notes. This discussion is based upon the provisions of the Internal Revenue Code of 1986, as amended, applicable Treasury Regulations promulgated and proposed thereunder, judicial authority and administrative interpretations, as of the date hereof, all of which are subject to change, possibly with retroactive effect, or are subject to different interpretations. We cannot assure you that the Internal Revenue Service will not challenge one or more of the tax consequences described herein, and we have not obtained, nor do we intend to obtain, a ruling from the IRS or an opinion of counsel with respect to the United States federal tax consequences of the exchange of original notes for exchange notes.

In this discussion, we do not purport to address all tax considerations that may be important to a particular holder in light of the holder's circumstances, or to certain categories of investors that may be subject to special rules, such as financial institutions, insurance companies, regulated investment companies, tax exempt organizations, dealers in securities or currencies, persons whose functional currency is not the U.S. dollar, U.S. expatriates, persons subject to the alternative minimum tax or persons who hold the notes as part of a hedge, conversion transaction, straddle or other risk reduction transaction. This discussion is limited to holders who purchased the original notes for cash at the original offering price and who hold the notes as capital assets within the meaning of section 1221 of the Internal Revenue Code. If a partnership holds notes, the tax treatment of a partner generally will depend upon the status of the partner and the activities of the partnership. This discussion also does not address the tax considerations arising under the laws of any foreign, state, local or other jurisdiction.

HOLDERS OF ORIGINAL NOTES SHOULD CONSULT THEIR OWN TAX ADVISORS REGARDING THE APPLICATION OF THE U.S. FEDERAL INCOME TAX LAWS TO THEM OF THE EXCHANGE OFFER AND THE APPLICABILITY AND EFFECT OF STATE, LOCAL OR FOREIGN TAX LAWS AND TAX TREATIES.

TREATMENT OF EXCHANGES UNDER THE EXCHANGE OFFER

The exchange of original notes for exchange notes under the terms of the exchange offer will not constitute a taxable exchange. As a result,

- o a holder will not recognize taxable gain or loss as a result of exchanging original notes for exchange notes under the terms of the exchange offer;
- o the holding period of the exchange notes will include the holding period of the original notes exchanged for the exchange notes; and
- o the adjusted tax basis for the exchange notes will be the same as the adjusted tax basis, immediately before the exchange, of the original notes exchanged for the exchange notes.

INFORMATION REPORTING AND BACKUP WITHHOLDING

We will, where required, report to the holders of the notes and the Internal Revenue Service the amount of any interest paid on the notes in each calendar year and the amounts of federal income tax withheld, if any, with respect to payments. A noncorporate noteholder may be subject to information reporting and to backup withholding with respect to payments of principal, premium, if any, and interest made on the notes, or on proceeds of the disposition of the notes before maturity, unless the noteholder provides a correct taxpayer identification number or proof of an applicable exemption, and otherwise complies with applicable requirements of the information and backup withholding rules.

Backup withholding is not an additional tax. Any amount withheld under the backup withholding rules will be refunded or credited against the noteholder's federal income tax liability, provided that the required information is furnished to the Internal Revenue Service.

VALIDITY OF THE EXCHANGE NOTES

The validity of the exchange notes being offered hereby will be passed upon for us by Bracewell & Patterson, L.L.P., Houston, Texas.

EXPERTS

Ernst & Young LLP, independent auditors, have audited our consolidated financial statements included in National Oilwell, Inc.'s Annual report on Form 10-K for the year ended December 31, 2002, as set forth in their report, which is incorporated by reference in this Prospectus and elsewhere in the registration statement. National Oilwell, Inc.'s financial statements are incorporated by reference in reliance on Ernst & Young LLP's report, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission.

The SEC allows us to "incorporate by reference" the information we filed with it, which means that we can disclose important information to you by referring you to those documents.

We incorporate by reference in this prospectus the following documents:

- o Our Annual Report on Form 10-K for the fiscal year ended December 31, 2002; and
- o All documents filed with the Securities and Exchange Commission under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, between the date of this prospectus and the completion of the exchange offer.

The information incorporated by reference is an important part of this prospectus, and information that we file later with the Securities and Exchange Commission will automatically update and supersede this information as well as the information included in this prospectus.

You may read and copy any document we file with the Securities and Exchange Commission at the Securities and Exchange Commission's public reference room located at:

- o 450 Fifth Street, N.W.
Washington, D.C. 20549

Additionally, you may obtain copies of our documents filed with the Securities and Exchange Commission on our website at www.natoil.com.

Please call the Securities and Exchange Commission at 1-800-SEC-0330 for further information on the public reference room and its copy charges. Our Securities and Exchange Commission filings are also available to the public on the Securities and Exchange Commission's web site at <http://www.sec.gov> and through the New York Stock Exchange, Inc., 20 Broad Street, New York, New York 10005, on which our shares of common stock are traded.

We have agreed that for so long as the notes remain outstanding, if we are no longer subject to the informational requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, we will furnish to holders and beneficial owners of the notes and to prospective purchasers designated by such holders the information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act to permit compliance with Rule 144A in connection with resales of the notes.

We will provide a copy of any document incorporated by reference in this prospectus and any exhibit specifically incorporated by reference in those documents at no cost by request directed to us at the following address and telephone number:

- o National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042
Attention: Investor Relations
713-346-7500

To obtain timely delivery of this information, you must request this information no later than five business days prior to the Expiration Date of the exchange offer.

INFORMATION REGARDING FORWARD-LOOKING STATEMENTS

Some of the information in this prospectus contains, or has incorporated by reference, forward-looking statements. Statements that are not historical facts, including statements about our beliefs and expectations, are forward-looking statements. Forward-looking statements typically are identified by use of terms such as "may," "will," "expect," "anticipate," "estimate" and similar words, although some forward-looking statements are expressed differently. You should be aware that our actual results could differ materially from those contained in the forward-looking statements due to a number of factors, including changes in oil and gas prices, customer demand for our products and worldwide economic activity. You should also consider carefully the statements under "Risk Factors" which address additional factors that could cause our actual results to differ from those set forth in the forward-looking statements. Given these uncertainties, current or prospective investors are cautioned not to place undue reliance on any such forward-looking statements. We disclaim any obligation or intent to update any such factors or forward-looking statements to reflect future events or developments.

NATIONAL-OILWELL, INC.

LETTER OF TRANSMITTAL

TO TENDER FOR EXCHANGE

5.65% SENIOR NOTES DUE 2012

OF

NATIONAL-OILWELL, INC.

PURSUANT TO THE PROSPECTUS DATED _____, 2003

THIS OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____,
_____, 2003 UNLESS THE OFFER IS EXTENDED BY THE CORPORATION IN ITS SOLE
DISCRETION (THE "EXPIRATION DATE"). TENDERS OF NOTES MAY BE WITHDRAWN AT ANY
TIME PRIOR TO THE EXPIRATION DATE.

THE EXCHANGE AGENT FOR THE EXCHANGE OFFER IS:

THE BANK OF NEW YORK

BY REGISTERED OR CERTIFIED MAIL:

The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street - 7 East
New York, New York 10286

BY FACSIMILE TRANSMISSION:
(ELIGIBLE INSTITUTIONS ONLY)

(212) 298-1915

To Confirm by Telephone or for
Information Call:
(212) 815-3738

BY HAND OR OVERNIGHT DELIVERY:

The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street
Corporate Trust Services Window

DELIVERY OF THIS LETTER OF TRANSMITTAL TO AN ADDRESS OTHER THAN AS SET
FORTH ABOVE OR TRANSMISSION OF THIS LETTER OF TRANSMITTAL VIA FACSIMILE TO A
NUMBER OTHER THAN AS LISTED ABOVE WILL NOT CONSTITUTE A VALID DELIVERY.

HOLDERS WHO WISH TO BE ELIGIBLE TO RECEIVE EXCHANGE NOTES PURSUANT TO
THE EXCHANGE OFFER MUST VALIDLY TENDER (AND NOT WITHDRAW) THEIR ORIGINAL NOTES
TO THE EXCHANGE AGENT ON OR PRIOR TO THE EXPIRATION DATE.

This Letter of Transmittal is to be used by holders ("Holders") of
5.65% Senior Notes due 2012 (the "Original Notes") of National-Oilwell, Inc.
(the "Corporation") to receive 5.65% Senior Notes due 2012, Series B (the
"Exchange Notes") if: (i) certificates representing Original Notes are to be
physically delivered to the Exchange Agent herewith by such Holders; (ii) tender

of Original Notes is to be made by book-entry transfer to the Exchange Agent's account at The Depository Trust Company ("DTC") pursuant to the procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Book-Entry Delivery Procedures" in the Prospectus dated _____, 2003 (the "Prospectus"); or (iii) tender of Original Notes is to be made according to the guaranteed delivery procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Guaranteed Delivery" in the Prospectus, and, in each case, instructions are not being transmitted through the DTC Automated Tender Offer Program ("ATOP"). The undersigned hereby acknowledges receipt of the Prospectus. All capitalized terms used herein and not defined shall have the meanings ascribed to them in the Prospectus.

Holders of Original Notes that are tendering by book-entry transfer to the Exchange Agent's account at DTC can execute the tender through ATOP, for which the transaction will be eligible. DTC participants that are accepting the exchange offer as set forth in the Prospectus and this Letter of Transmittal (together, the "Exchange Offer") must transmit their acceptance to DTC which will edit and verify the acceptance and execute a book-entry delivery to the Exchange Agent's account at DTC. DTC will then send an Agent's Message to the Exchange Agent for its acceptance. Delivery of the Agent's Message by DTC will satisfy the terms of the Offer as to execution and delivery of a Letter of Transmittal by the participant identified in the Agent's Message. DTC participants may also accept the Exchange Offer by submitting a notice of guaranteed delivery through ATOP.

DELIVERY OF DOCUMENTS TO DTC DOES NOT CONSTITUTE DELIVERY
TO THE EXCHANGE AGENT

If a Holder desires to tender Original Notes pursuant to the Exchange Offer and time will not permit this Letter of Transmittal, certificates representing such Original Notes and all other required documents to reach the Exchange Agent, or the procedures for book-entry transfer cannot be completed, on or prior to the Expiration Date, then such Holder must tender such Original Notes according to the guaranteed delivery procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Guaranteed Delivery" in the Prospectus. See Instruction 2.

The undersigned should complete, execute and deliver this Letter of Transmittal to indicate the action the undersigned desires to take with respect to the Exchange Offer.

NOTE: SIGNATURES MUST BE PROVIDED BELOW.
PLEASE READ THE ACCOMPANYING INSTRUCTIONS CAREFULLY.

Ladies and Gentlemen:

The undersigned hereby tenders to National-Oilwell, Inc. (the "Corporation"), upon the terms and subject to the conditions set forth in its Prospectus dated _____, 2003 (the "Prospectus"), receipt of which is hereby acknowledged, and in accordance with this Letter of Transmittal (which, together with the Prospectus, constitute the "Exchange Offer"), the principal amount of Original Notes indicated in the foregoing table entitled "Description of Original Notes" under the column heading "Principal Amount Tendered." The undersigned represents that it is duly authorized to tender all of the Original Notes tendered hereby which it holds for the account of beneficial owners of such Original Notes ("Beneficial Owner(s)") and to make the representations and statements set forth herein on behalf of such Beneficial Owner(s).

Subject to, and effective upon, the acceptance for purchase of the principal amount of Original Notes tendered herewith in accordance with the terms and subject to the conditions of the Exchange Offer, the undersigned hereby exchanges, assigns and transfers to, or upon the order of, the Corporation, all right, title and interest in and to all of the Original Notes tendered hereby. The undersigned hereby irrevocably constitutes and appoints the Exchange Agent its true and lawful agent and attorney-in-fact of the undersigned (with full knowledge that the Exchange Agent also acts as the agent of the Corporation in connection with the Exchange Offer) with respect to such Original Notes, with full powers of substitution and resubstitution (such power of attorney being deemed to be an irrevocable power coupled with an interest) and full power and authority to (i) present such Original Notes and all evidences of transfer and authenticity to, or transfer ownership of, such Original Notes on the account books maintained by DTC to, or upon the order of, the Corporation, (ii) present such Original Notes for transfer of ownership on the books of the Corporation, and to transfer the Original Notes on the books and records of the Corporation, and (iii) receive for the account of the Corporation all benefits and otherwise exercise all rights of beneficial ownership of such Original Notes, all in accordance with the terms and conditions of the Exchange Offer, as described in the Prospectus.

By accepting the Exchange Offer, the undersigned hereby represents and warrants that:

- o the Exchange Notes to be acquired by the undersigned and any Beneficial Owner(s) in connection with the Exchange Offer are being acquired by the undersigned and any Beneficial Owner(s) in the ordinary course of business of the undersigned and any Beneficial Owner(s);
- o the undersigned and each Beneficial Owner are not participating, do not intend to participate and have no arrangement or understanding with any person to participate, in a distribution of the Exchange Notes;
- o the undersigned and each Beneficial Owner acknowledge and agree that (x) if the offeree is a broker-dealer holding Original Notes acquired for its own account as a result of market making activities or other trading activities, it will deliver a prospectus meeting the requirements of the Securities Act in connection with any

resale of Exchange Notes received in respect of Original Notes pursuant to the Exchange Offer and (y) any person participating in the Exchange Offer for the purpose of distributing the Exchange Notes cannot rely on the position of the Staff of the Securities and Exchange Commission set forth in no-action letters that are discussed in the Prospectus and that such person must comply with the registration and prospectus delivery requirements for any secondary resale transaction with respect to Exchange Notes acquired by such person and that such a transaction should be covered by an effective registration statement containing the selling securityholder information required by Item 507 of Regulation S-K of the Securities and Exchange Commission; and

- o except as indicated below, neither the undersigned nor any Beneficial Owner is an "affiliate," as defined in Rule 405 under the Securities Act of 1933, as amended (together with the rules and regulations promulgated thereunder, the "Securities Act"), of the Corporation.

If the undersigned is a broker-dealer that will receive Exchange Notes for its own account in exchange for Original Notes that were acquired as the result of market-making activities or other trading activities, it acknowledges that it will deliver a prospectus in connection with any resale of such Exchange Notes. By so acknowledging and by delivering a prospectus, a broker-dealer shall not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act.

The undersigned understands that tenders of Original Notes may be withdrawn by written notice of withdrawal received by the Exchange Agent at any time prior to the Expiration Date in accordance with the Prospectus. In the event of a termination of the Exchange Offer, the Original Notes tendered pursuant to the Exchange Offer will be returned to the tendering Holders promptly (or, in the case of Original Notes tendered by book-entry transfer, such Original Notes will be credited to the account maintained at DTC from which such Original Notes were delivered). If the Corporation makes a material change in the terms of the Exchange Offer or the information concerning the Exchange Offer or waives a material condition of such Exchange Offer, the Corporation will disseminate additional Exchange Offer materials and extend such Exchange Offer, if and to the extent required by law.

The undersigned understands that the tender of Original Notes pursuant to any of the procedures set forth in the Prospectus and in the instructions hereto will constitute the undersigned's acceptance of the terms and conditions of the Exchange Offer. The Corporation's acceptance for exchange of Original Notes tendered pursuant to any of the procedures described in the Prospectus will constitute a binding agreement between the undersigned and the Corporation in accordance with the terms and subject to the conditions of the Exchange Offer. For purposes of the Exchange Offer, the undersigned understands that validly tendered Original Notes (or defectively tendered Original Notes with respect to which the Corporation has, or has caused to be, waived such defect) will be deemed to have been accepted by the Corporation if, as and when the Corporation gives oral or written notice thereof to the Exchange Agent.

If the undersigned is an affiliate, as defined in Rule 405 of the Act, the undersigned acknowledges that neither it nor any other such person may offer for resale, resell or otherwise

transfer Exchange Notes without registering them under the Act, or without an exemption therefrom.

The undersigned hereby represents and warrants that the undersigned has full power and authority to tender, exchange, sell, assign and transfer the Original Notes tendered hereby, and that when such tendered Original Notes are accepted for exchange by the Corporation, the Corporation will acquire good title thereto, free and clear of all liens, restrictions, charges and encumbrances and not subject to any adverse claim or right. The undersigned and each Beneficial Owner will, upon request, execute and deliver any additional documents deemed by the Exchange Agent or by the Corporation to be necessary or desirable to complete the tender, exchange, sale, assignment and transfer of the Original Notes tendered hereby.

All authority conferred or agreed to be conferred by this Letter of Transmittal shall not be affected by, and shall survive the death or incapacity of the undersigned and any Beneficial Owner(s), and any obligation of the undersigned or any Beneficial Owner(s) hereunder shall be binding upon the heirs, executors, administrators, trustees in bankruptcy, personal and legal representatives, successors and assigns of the undersigned and such Beneficial Owner(s).

The undersigned understands that the delivery and surrender of any Original Notes is not effective, and the risk of loss of the Original Notes does not pass to the Exchange Agent or the Corporation, until receipt by the Exchange Agent of this Letter of Transmittal, or a manually signed facsimile hereof, properly completed and duly executed, together with the Original Notes and all accompanying evidences of authority and any other required documents in form satisfactory to the Corporation. All questions as to form of all documents and the validity (including time of receipt) and acceptance of tenders and withdrawals of Original Notes will be determined by the Corporation, in its sole discretion, which determination shall be final and binding.

Unless otherwise indicated herein under "Special Issuance Instructions," the undersigned hereby requests that any Original Notes representing principal amounts not tendered or not accepted for exchange be issued in the name(s) of the undersigned (and in the case of Original Notes tendered by book-entry transfer, by credit to the account of DTC), and Exchange Notes issued in exchange for Original Notes pursuant to the Exchange Offer be issued to the undersigned. Similarly, unless otherwise indicated herein under "Special Delivery Instructions," the undersigned hereby requests that any Original Notes representing principal amounts not tendered or not accepted for exchange and Exchange Notes issued in exchange for Original Notes pursuant to the Exchange Offer be delivered to the undersigned at the address shown below the undersigned's signature(s). In the event that the "Special Issuance Instructions" box or the "Special Delivery Instructions" box is, or both are, completed, the undersigned hereby requests that any Original Notes representing principal amounts not tendered or not accepted for exchange be issued in the name(s) of, certificates for such Original Notes be delivered to, and Exchange Notes issued in exchange for Original Notes pursuant to the Exchange Offer be issued in the name(s) of, and be delivered to, the person(s) at the address(es) so indicated, as applicable. The undersigned recognizes that the Corporation has no obligation pursuant to the "Special Issuance Instructions" box or "Special Delivery Instructions" box to transfer any Original Notes from the name of the registered Holder(s) thereof if the Corporation does not accept for exchange any of the principal amount of such Original Notes so tendered.

[] CHECK HERE IF YOU OR ANY BENEFICIAL OWNER FOR WHOM YOU HOLD ORIGINAL NOTES IS AN AFFILIATE OF THE CORPORATION.

[] CHECK HERE IF YOU OR ANY BENEFICIAL OWNER FOR WHOM YOU HOLD ORIGINAL NOTES TENDERED HEREBY IS A BROKER-DEALER WHO ACQUIRED SUCH NOTES DIRECTLY FROM THE CORPORATION OR AN AFFILIATE OF THE CORPORATION.

[] CHECK HERE AND COMPLETE THE LINES BELOW IF YOU OR ANY BENEFICIAL OWNER FOR WHOM YOU HOLD ORIGINAL NOTES TENDERED HEREBY IS A BROKER-DEALER WHO ACQUIRED SUCH NOTES IN MARKET-MAKING OR OTHER TRADING ACTIVITIES. IF THIS BOX IS CHECKED, THE CORPORATION WILL SEND 10 ADDITIONAL COPIES OF THE PROSPECTUS AND 10 COPIES OF ANY AMENDMENTS OR SUPPLEMENTS THERETO TO YOU OR SUCH BENEFICIAL OWNER AT THE ADDRESS SPECIFIED IN THE FOLLOWING LINES.

Name: -----

Address: -----

SPECIAL ISSUANCE INSTRUCTIONS
(SEE INSTRUCTIONS 1, 5, 6 AND 7)

To be completed ONLY if Original Notes in a principal amount not tendered or not accepted for exchange are to be issued in the name of, or Exchange Notes are to be issued in the name of, someone other than the person(s) whose signature(s) appear(s) within this Letter of Transmittal.

Issue: Original Notes
 Exchange Notes

(check as applicable)

Name

(Please Print)

Address

(Please Print)

(Zip Code)

(TAX IDENTIFICATION OR SOCIAL SECURITY NUMBER)
(SEE SUBSTITUTE FORM W-9 HEREIN)

SPECIAL DELIVERY INSTRUCTIONS
(SEE INSTRUCTIONS 1, 5, 6 AND 7)

To be completed ONLY if Original Notes in a principal amount not tendered or not accepted for exchange or Exchange Notes are to be sent to someone other than the person(s) whose signature(s) appear(s) within this Letter of Transmittal or to the undersigned at an address different from that shown in the box entitled "Description of Original Notes" within this Letter of Transmittal.

Issue: Original Notes
 Exchange Notes

(check as applicable)

Name

(Please Print)

Address

(Please Print)

(Zip Code)

(TAX IDENTIFICATION OR SOCIAL SECURITY NUMBER)
(SEE SUBSTITUTE FORM W-9 HEREIN)

PLEASE SIGN HERE
(TO BE COMPLETED BY ALL TENDERING HOLDERS OF ORIGINAL NOTES)

Signature(s) of Registered Holder(s) or Authorized Signatory
(See guarantee requirement below)

This Letter of Transmittal must be signed by the registered Holder(s) exactly as name(s) appear(s) on certificate(s) for Original Notes or, if tendered by a participant in DTC, exactly as such participant's name appears on a security position listing as owner of Original Notes or by the person(s) authorized to become registered Holder(s) by endorsements and documents transmitted herewith. If signature is by trustees, executors, administrators, guardians, attorneys-in-fact, officers of corporations or others acting in a fiduciary or representative capacity, please set forth full title and see Instruction 5.

Dated: -----

Name(s): -----
(Please Print)

Capacity (Full Title): -----

Address: -----
(Including Zip Code)

Area Code and Telephone Number: -----

Tax Identification or Social Security Number: -----
(Complete Accompanying Substitute Form W-9)

SIGNATURE GUARANTEE
(IF REQUIRED -- SEE INSTRUCTIONS 1 AND 5)

Authorized Signature -----

Name of Firm -----

Address (including Zip Code): -----

Telephone Number (with Area Code): () -----

Date: -----

[place seal here]

INSTRUCTIONS

FORMING PART OF THE TERMS AND CONDITIONS OF THE EXCHANGE OFFER

1. Signature Guarantees. Signatures of this Letter of Transmittal must be guaranteed by a recognized member of the Medallion Signature Guarantee Program or by any other "eligible guarantor institution," as such term is defined in Rule 17Ad-15 promulgated under the Exchange Act (each of the foregoing, an "Eligible Institution"), unless the Original Notes tendered hereby are tendered (i) by a registered Holder of Original Notes (or by a participant in DTC whose name appears on a security position listing as the owner of such Original Notes) that has not completed either the box entitled "Special Issuance Instructions" or the box entitled "Special Delivery Instructions" on this Letter of Transmittal or (ii) for the account of an Eligible Institution. If the Original Notes are registered in the name of a person other than the signer of this Letter of Transmittal, if Original Notes not accepted for exchange or not tendered are to be returned to a person other than the registered Holder or if Exchange Notes are to be issued in the name of or sent to a person other than the registered Holder, then the signatures on this Letter of Transmittal accompanying the tendered Original Notes must be guaranteed by an Eligible Institution as described above. See Instruction 5.

2. Delivery of Letter of Transmittal and Original Notes. This Letter of Transmittal is to be completed by Holders if (i) certificates representing Original Notes are to be physically delivered to the Exchange Agent herewith by such Holders; (ii) tender of Original Notes is to be made by book-entry transfer to the Exchange Agent's account at DTC pursuant to the procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Book-Entry Delivery Procedures" in the Prospectus; or (iii) tender of Original Notes is to be made according to the guaranteed delivery procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Guaranteed Delivery" in the Prospectus. All physically delivered Original Notes, or a confirmation of a book-entry transfer into the Exchange Agent's account at DTC of all Original Notes delivered electronically, as well as a properly completed and duly executed Letter of Transmittal (or manually signed facsimile thereof), any required signature guarantees and any other documents required by this Letter of Transmittal, must be received by the Exchange Agent at one of its addresses set forth on the cover page hereto on or prior to the Expiration Date, or the tendering Holder must comply with the guaranteed delivery procedures set forth below. DELIVERY OF DOCUMENTS TO DTC DOES NOT CONSTITUTE DELIVERY TO THE EXCHANGE AGENT.

If a Holder desires to tender Original Notes pursuant to the Exchange Offer and time will not permit this Letter of Transmittal, certificates representing such Original Notes and all other required documents to reach the Exchange Agent, or the procedures for book-entry transfer cannot be completed, on or prior to the Expiration Date, such Holder must tender such Original Notes pursuant to the guaranteed delivery procedures set forth under the caption "The Exchange Offer -- Procedures for Tendering Original Notes -- Guaranteed Delivery" in the Prospectus. Pursuant to such procedures, (i) such tender must be made by or through an Eligible Institution; (ii) a properly completed and duly executed Notice of Guaranteed Delivery, substantially in the form provided by the Corporation, or an Agent's Message with respect to guaranteed delivery that is accepted by the Corporation, must be received by the Exchange Agent, either by hand

delivery, mail, telegram, or facsimile transmission, on or prior to the Expiration Date; and (iii) the certificates for all tendered Original Notes, in proper form for transfer (or confirmation of a book-entry transfer or all Original Notes delivered electronically into the Exchange Agent's account at DTC pursuant to the procedures for such transfer set forth in the Prospectus), together with a properly completed and duly executed Letter of Transmittal (or manually signed facsimile thereof) and any other documents required by this Letter of Transmittal, or in the case of a book-entry transfer, a properly transmitted Agent's Message, must be received by the Exchange Agent within two business days after the date of the execution of the Notice of Guaranteed Delivery.

THE METHOD OF DELIVERY OF THIS LETTER OF TRANSMITTAL AND ALL OTHER REQUIRED DOCUMENTS, INCLUDING DELIVERY THROUGH DTC AND ANY ACCEPTANCE OR AGENT'S MESSAGE DELIVERED THROUGH ATOP, IS AT THE ELECTION AND RISK OF THE TENDERING HOLDER AND, EXCEPT AS OTHERWISE PROVIDED IN THIS INSTRUCTION 2, DELIVERY WILL BE DEEMED MADE ONLY WHEN ACTUALLY RECEIVED BY THE EXCHANGE AGENT. IF DELIVERY IS BY MAIL, IT IS SUGGESTED THAT THE HOLDER USE PROPERLY INSURED, REGISTERED MAIL WITH RETURN RECEIPT REQUESTED, AND THAT THE MAILING BE MADE SUFFICIENTLY IN ADVANCE OF THE EXPIRATION DATE TO PERMIT DELIVERY TO THE EXCHANGE AGENT PRIOR TO SUCH DATE.

No alternative, conditional or contingent tenders will be accepted. All tendering Holders, by execution of this Letter of Transmittal (or a facsimile thereof), waive any right to receive any notice of the acceptance of their Original Notes for exchange.

3. Inadequate Space. If the space provided herein is inadequate, the certificate numbers and/or the principal amount represented by Original Notes should be listed on a separate signed schedule attached hereto.

4. Partial Tenders. (Not applicable to Holders who tender by book-entry transfer). If Holders wish to tender less than the entire principal amount evidenced by an Original Note submitted, such Holders must fill in the principal amount that is to be tendered in the column entitled "Principal Amount Tendered." The minimum permitted tender is \$1,000 in principal amount of Original Notes. All other tenders must be in integral multiples of \$1,000 in principal amount. In the case of a partial tender of Original Notes, as soon as practicable after the Expiration Date, new certificates for the remainder of the Original Notes that were evidenced by such Holder's old certificates will be sent to such Holder, unless otherwise provided in the appropriate box on this Letter of Transmittal. The entire principal amount that is represented by Original Notes delivered to the Exchange Agent will be deemed to have been tendered, unless otherwise indicated.

5. Signatures on Letter of Transmittal, Instruments of Transfer and Endorsements. If this Letter of Transmittal is signed by the registered Holder(s) of the Original Notes tendered hereby, the signatures must correspond with the name(s) as written on the face of the certificate(s) without alteration, enlargement or any change whatsoever. If this Letter of Transmittal is signed by a participant in DTC whose name is shown as the owner of the Original Notes tendered hereby, the signature must correspond with the name shown on the security position listing as the owner of the Original Notes.

If any of the Original Notes tendered hereby are registered in the name of two or more Holders, all such Holders must sign this Letter of Transmittal. If any of the Original Notes tendered hereby are registered in different names on several certificates, it will be necessary to complete, sign and submit as many separate Letters of Transmittal as there are different registrations of certificates.

If this Letter of Transmittal or any Original Note or instrument of transfer is signed by a trustee, executor, administrator, guardian, attorney-in-fact, agent, officer of a corporation or other person acting in a fiduciary or representative capacity, such person should so indicate when signing, and proper evidence satisfactory to the Corporation of such person's authority to so act must be submitted.

When this Letter of Transmittal is signed by the registered Holder(s) of the Original Notes listed herein and transmitted hereby, no endorsements of Original Notes or separate instruments of transfer are required unless Exchange Notes are to be issued, or Original Notes not tendered or exchanged are to be issued, to a person other than the registered Holder(s), in which case signatures on such Original Notes or instruments of transfer must be guaranteed by an Eligible Institution.

IF THIS LETTER OF TRANSMITTAL IS SIGNED OTHER THAN BY THE REGISTERED HOLDER(S) OF THE ORIGINAL NOTES LISTED HEREIN, THE ORIGINAL NOTES MUST BE ENDORSED OR ACCOMPANIED BY APPROPRIATE INSTRUMENTS OF TRANSFER, IN EITHER CASE SIGNED EXACTLY AS THE NAME(S) OF THE REGISTERED HOLDER(S) APPEAR ON THE ORIGINAL NOTES AND SIGNATURES ON SUCH ORIGINAL NOTES OR INSTRUMENTS OF TRANSFER ARE REQUIRED AND MUST BE GUARANTEED BY AN ELIGIBLE INSTITUTION, UNLESS THE SIGNATURE IS THAT OF AN ELIGIBLE INSTITUTION.

6. Special Issuance and Delivery Instructions. If certificates for Exchange Notes or unexchanged or untendered Original Notes are to be issued in the name of a person other than the signer of this Letter of Transmittal, or if Exchange Notes or such Original Notes are to be sent to someone other than the signer of this Letter of Transmittal or to an address other than that shown herein, the appropriate boxes on this Letter of Transmittal should be completed. All Original Notes tendered by book-entry transfer and not accepted for payment will be returned by crediting the account at DTC designated herein as the account for which such Original Notes were delivered.

7. Transfer Taxes. Except as set forth in this Instruction 7, the Corporation will pay or cause to be paid any transfer taxes with respect to the transfer and sale of Original Notes to it, or to its order, pursuant to the Exchange Offer. If Exchange Notes, or Original Notes not tendered or exchanged are to be registered in the name of any persons other than the registered owners, or if tendered Original Notes are registered in the name of any persons other than the persons signing this Letter of Transmittal, the amount of any transfer taxes (whether imposed on the registered Holder or such other person) payable on account of the transfer to such other person must be paid to the Corporation or the Exchange Agent (unless satisfactory evidence of the payment of such taxes or exemption therefrom is submitted) before the Exchange Notes will be issued.

8. Waiver of Conditions. The conditions of the Exchange Offer may be amended or waived by the Corporation, in whole or in part, at any time and from time to time in the Corporation's sole discretion, in the case of any Original Notes tendered.

9. Substitute Form W-9. Each tendering Holder of an Original Note who is not exempt on the basis of foreign status (or other payee) is required to provide the Exchange Agent with a correct taxpayer identification number ("TIN"), generally the owner's social security or federal employer identification number, and with certain other information, on Substitute Form W-9, which is provided hereafter under "Important Tax Information," and to certify that the owner (or other payee) is not subject to backup withholding. Failure to provide the information on the Substitute Form W-9 may subject the tendering owner (or other payee) to a \$50 penalty imposed by the Internal Revenue Service and 30% federal income tax withholding. The box in Part 3 of the Substitute Form W-9 may be checked if the tendering owner (or other payee) has not been issued a TIN and has applied for a TIN or intends to apply for a TIN in the near future. If the box in Part 3 is checked and the Exchange Agent is not provided with a TIN within 60 days of the date on the Substitute Form W-9, the Exchange Agent will withhold 30% of all payments made thereafter until a TIN is provided to the Exchange Agent.

10. Broker-Dealers Participating in the Exchange Offer. If no broker-dealer checks the last box on page ___ of this Letter of Transmittal, the Corporation has no obligation under the Registration Rights Agreement to allow the use of the Prospectus for resales of the Exchange Notes by broker-dealers or to maintain the effectiveness of the Registration Statement of which the Prospectus is a part after the consummation of the Exchange Offer.

11. Requests for Assistance or Additional Copies. Any questions or requests for assistance or additional copies of the Prospectus, this Letter of Transmittal or the Notice of Guaranteed Delivery may be directed to the Exchange Agent at the telephone numbers and location listed above. A Holder or owner may also contact such Holder's or owner's broker, dealer, commercial bank or trust company or nominee for assistance concerning the Exchange Offer.

IMPORTANT: THIS LETTER OF TRANSMITTAL (OR A FACSIMILE HEREOF), TOGETHER WITH ALL OTHER REQUIRED DOCUMENTS OR THE NOTICE OF GUARANTEED DELIVERY, MUST BE RECEIVED BY THE EXCHANGE AGENT ON OR PRIOR TO THE EXPIRATION DATE.

IMPORTANT TAX INFORMATION

Under federal income tax law, an owner of Original Notes whose tendered Original Notes are accepted for exchange is required to provide the Exchange Agent with such owner's current TIN on Substitute Form W-9 below. If such owner is an individual, the TIN is his or her social security number. If the Exchange Agent is not provided with the correct TIN, the owner or other recipient of Exchange Notes may be subject to a \$50 penalty imposed by the Internal Revenue Service. In addition, any interest on Exchange Notes paid to such owner or other recipient may be subject to 30% backup withholding tax.

Certain owners of Notes (including, among others, all corporations and certain foreign individuals) are not subject to these backup withholding and reporting requirements. In order for

a foreign individual to qualify as an exempt recipient, that owner must submit to the Exchange Agent a properly completed Internal Revenue Service Form W-8ECI, W-8BEN, W-8EXP or W-8IMY (collectively, a "Form W-8"), signed under penalties of perjury, attesting to that individual's exempt status. A Form W-8 can be obtained from the Exchange Agent.

Backup withholding is not an additional tax. Rather, the federal income tax liability of persons subject to backup withholding will be reduced by the amount of tax withheld. If withholding results in an overpayment of taxes, a refund may be obtained from the Internal Revenue Service.

PURPOSE OF SUBSTITUTE FORM W-9

To prevent backup withholding on payments that are made to an owner, the owner is required to notify the Exchange Agent of the owner's current TIN (or the TIN of any other payee) by completing the following form, certifying that the TIN provided on Substitute Form W-9 is correct (or that such owner is awaiting a TIN), that the holder is a U.S. person (including a resident alien), and that (i) the owner is exempt from withholding, (ii) the owner has not been notified by the Internal Revenue Service that the owner is subject to backup withholding as a result of failure to report all interest or dividends or (iii) the Internal Revenue Service has notified the owner that the owner is no longer subject to backup withholding. See the enclosed "Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9" for additional instructions.

WHAT NUMBER TO GIVE THE EXCHANGE AGENT

The Holder is required to give the Exchange Agent the TIN (e.g., social security number or employer identification number) of the owner of the Original Notes. If the Original Notes are registered in more than one name or are not registered in the name of the actual owner, consult the enclosed "Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9" for additional guidance on which number to report.

SUBSTITUTE
FORM W-9

PART 1 -- PLEASE PROVIDE YOUR TIN IN
THE BOX AT THE RIGHT AND CERTIFY BY
SIGNING AND DATING BELOW.

Social Security Number(s)
Or
Employer Identification Number(s)

Department of the Treasury Internal
Revenue Service

Payer's Request for Taxpayer
Identification Number ("TIN")

PART 2 -- Certifications -- Under penalties of perjury, I certify that:

- (1) The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding or (b) I have not been notified by the Internal Revenue Service ("IRS") that I am subject to backup withholding as a result of a failure to report all interest or dividends or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- (3) I am a U.S. person (including a U.S. resident alien).

CERTIFICATION INSTRUCTIONS -- You must cross out item (2) above if you have been notified by the IRS that you are currently subject to backup withholding because of under-reporting interest or dividends on your tax return.

Address: -----

Signature -----

Date -----

PART 3
Check if
Awaiting TIN []

NOTE: FAILURE TO COMPLETE AND RETURN THIS FORM MAY RESULT IN A \$50 PENALTY IMPOSED BY THE INTERNAL REVENUE SERVICE AND BACKUP WITHHOLDING OF 30%. PLEASE REVIEW THE ENCLOSED GUIDELINES FOR CERTIFICATION OF TAXPAYER IDENTIFICATION NUMBER ON SUBSTITUTE FORM W-9 FOR ADDITIONAL DETAILS.

YOU MUST COMPLETE THE FOLLOWING
CERTIFICATE IF YOU CHECKED THE BOX IN PART 3
OF THE SUBSTITUTE FORM W-9

CERTIFICATE OF AWAITING TAXPAYER IDENTIFICATION NUMBER

I certify under penalties of perjury that a taxpayer identification number has not been issued to me, and either (1) I have mailed or delivered an application to receive a taxpayer identification number to the appropriate Internal Revenue Service Center or Social Security Administration Office or (2) I intend to mail or deliver an application in the near future. I understand that if I do not provide a taxpayer identification number within 60 days after the Letter of Transmittal is received by the Exchange Agent, 30% of all reportable cash payments made to me thereafter will be withheld until I provide a taxpayer identification number.

Signature _____ Date _____

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 20. INDEMNIFICATION OF DIRECTORS AND OFFICERS

Section 145 of the Delaware General Corporation Law (the "DGCL") authorizes, inter alia, a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation), by reason of the fact that such person is or was an officer or director of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise. The indemnity may include expenses (including attorney's fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. A Delaware corporation may indemnify past or present officers and directors of such corporation or of another corporation or other enterprise at the former corporation's request, in an action by or in the right of the corporation to procure a judgment in its favor under the same conditions, except that no indemnification is permitted without judicial approval if such person is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in defense of any action referred to above, or in defense of any claim, issue or matter therein, the corporation must indemnify him against the expenses (including attorney's fees) which he actually and reasonably incurred in connection therewith. Section 145 further provides that any indemnification shall be made by the corporation only as authorized in each specific case upon a determination by the (i) stockholders, (ii) board of directors by a majority vote or a quorum consisting of directors who were not parties to such action, suit or proceeding or (iii) independent counsel if a quorum of disinterested directors so directs. Section 145 provides that indemnification pursuant to its provisions is not exclusive of other rights of indemnification to which a person may be entitled under any bylaw, agreement, vote of stockholders or disinterested directors or otherwise.

Section 145 of the DGCL also empowers National Oilwell to purchase and maintain insurance on behalf of any person who is or was an officer or director of National Oilwell against liability asserted against or incurred by him in any such capacity, whether or not National Oilwell would have the power to indemnify such officer or director against such liability under the provisions of Section 145. National Oilwell maintains a directors' and officers' liability policy for such purposes.

Article Sixth, Part II, Section 1 of National Oilwell's Amended and Restated Certificate of Incorporation and Article VI of National Oilwell's Bylaws each provide that directors, officers, employees and agents shall be indemnified to the fullest extent permitted by Section 145 of the DGCL.

ITEM 21. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES.

(a) Exhibits

Exhibit Number	Description of Exhibit - ----- -----
4.1	Indenture dated November 22, 2002, between National-Oilwell, Inc. and The Bank of New York, as Trustee.
4.2	Form of 5.65% Note (contained in the Indenture filed as Exhibit 4.1).
4.3	Registration Rights Agreement dated November 22, 2002 between National-Oilwell, Inc. and Merrill

Lynch,
Pierce,
Fenner &
Smith
Incorporated.
5 -- Opinion
of Bracewell
& Patterson,
L.L.P. as to
the validity
of the notes
being
offered. 12
--
Calculation
of
Consolidated
Ratios of
Earnings to
Fixed
Charges.
23.1 --
Consent of
Bracewell &
Patterson,
L.L.P.
(included in
their
opinion
filed as
Exhibit 5
hereto).
23.2 --
Consent of
Ernst &
Young LLP.
24 -- Powers
of Attorney
(included on
the
signature
pages
herein). 25
-- Form T-1
Statement of
Eligibility
under the
Trust
Indenture
Act of 1939
of The Bank
of New York.

99.1 -- Form of Notice of Guaranteed Delivery.

99.2 -- Form of Letter to Clients.

(b) Financial Statement Schedules

No financial statement schedules are included herein. All other schedules for which provision is made in the applicable accounting regulation of the Commission are not required under the related instructions, are inapplicable, or the information is included in the consolidated financial statements, and have therefore been omitted.

(c) Reports, Opinions, and Appraisals

No reports, opinions, and appraisals are included herein.

ITEM 22. UNDERTAKINGS.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than payment by the Company of expenses incurred or paid by a director, officer or controlling person of the Company in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Company 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.

(1) The undersigned registrant hereby undertakes:

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

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

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

(c) 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;

(ii) 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.

(iii) 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.

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

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

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

SIGNATURES

PURSUANT TO THE REQUIREMENTS OF THE SECURITIES ACT, THE REGISTRANT HAS DULY CAUSED THIS REGISTRATION STATEMENT TO BE SIGNED ON ITS BEHALF BY THE UNDERSIGNED, THEREUNTO DULY AUTHORIZED, IN THE CITY OF HOUSTON, STATE OF TEXAS, ON THIS 7TH DAY OF MARCH, 2003.

NATIONAL-OILWELL, INC.
(Registrant)

By: /s/ Steven W. Krablin

Steven W. Krablin, Vice President and
Chief Financial Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, THAT EACH PERSON WHOSE SIGNATURE APPEARS BELOW IN SO SIGNING ALSO MAKES, CONSTITUTES AND APPOINTS STEVEN W. KRABLIN AND M. GAY MATHER, OR EITHER OF THEM ACTING SINGLY, HIS TRUE AND LAWFUL ATTORNEY-IN-FACT AND AGENT, WITH FULL POWER OF SUBSTITUTION AND RESUBSTITUTION, FOR HIM AND IN HIS NAME, PLACE AND STEAD, IN ANY AND ALL CAPACITIES, TO EXECUTE AND CAUSE TO BE FILED WITH THE SECURITIES AND EXCHANGE COMMISSION ANY AND ALL AMENDMENTS AND POST-EFFECTIVE AMENDMENTS TO THIS REGISTRATION STATEMENT, AND IN EACH CASE TO FILE THE SAME, WITH ALL EXHIBITS THERETO AND OTHER DOCUMENTS IN CONNECTION THEREWITH, AND HEREBY RATIFIES AND CONFIRMS ALL THAT SAID ATTORNEY-IN-FACT AND AGENT OR HIS SUBSTITUTE OR SUBSTITUTES MAY DO OR CAUSE TO BE DONE BY VIRTUE HEREOF.

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

SIGNATURE
TITLE DATE

/s/
Merrill A.
Miller,
Jr.
Chairman
of the
Board of
Directors
March 7,
2003 - ---

(Principal
Executive
Officer)

Merrill A.
Miller,
Jr. /s/
Steven W.
Krablin
Vice
President
and Chief
Financial
March 7,
2003 - ---

- Officer
(Principal
Financial
Officer)

Steven W.
Krablin
Director -

Hushang
Ansary /s/
Robert E.
Beauchamp
Director
March 7,
2003 - ---

- Robert
E.
Beauchamp
/s/ Jon
Gjedebo
Director
March 7,
2003 - ---

- Jon
Gjedebo

/s/ Ben A. Guill ----- Ben A. Guill	Director	March 7, 2003
/s/ Roger L. Jarvis ----- Roger L. Jarvis	Director	March 7, 2003
/s/ William E. Macaulay ----- William E. Macaulay	Director	March 7, 2003
/s/ Frederick W. Pheasey ----- Frederick W. Pheasey	Director	March 7, 2003
/s/ Joel V. Staff ----- Joel V. Staff	Director	March 7, 2003

EXHIBIT INDEX

Exhibit
Number
Description
of Exhibit -

----- 4.1 --
Indenture
dated
November 22,
2002,
between
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Oilwell,
Inc. and The
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York, as
Trustee. 4.2
-- Form of
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(contained
in the
Indenture
filed as
Exhibit
4.1). 4.3 --
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Rights
Agreement
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November 22,
2002 between
National-
Oilwell,
Inc. and
Merrill
Lynch,
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NATIONAL - OILWELL, INC.

ISSUER

5.65% SENIOR NOTES DUE 2012

INDENTURE

DATED AS OF NOVEMBER 22, 2002

THE BANK OF NEW YORK

TRUSTEE

=====

CROSS-REFERENCE TABLE(1)

Trust Indenture Act Section	Indenture Section
310(a)(1).....	7.10
(a)(2).....	7.10
(a)(3).....	N.A.
(a)(4).....	N.A.
(a)(5).....	7.10
(b).....	7.10
(c).....	N.A.
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(b).....	7.11
(c).....	N.A.
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(b).....	10.3
(c).....	10.3
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(b)(2).....	7.6, 7.7
(c).....	7.6, 10.2
(d).....	7.6
314(a).....	4.5
(a)(4).....	10.5
(c)(1).....	N.A.
(c)(2).....	N.A.
(c)(3).....	N.A.
(e).....	10.5
(f).....	N.A.
315(a).....	3.5
(b).....	N.A.
(c).....	7.1, 7.2
(d).....	N.A.
(e).....	6.11
316(a)(last sentence).....	N.A.
(a)(1)(A).....	N.A.
(a)(1)(B).....	N.A.
(a)(2).....	N.A.
(b).....	N.A.
(c).....	N.A.
317(a)(1).....	6.4
(a)(2).....	N.A.
(b).....	N.A.
318(a).....	N.A.
(b).....	N.A.
(c).....	10.1

N.A. means not applicable.

(1)This Cross-Reference Table is not part of this Indenture.

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INDENTURE dated as of November 22, 2002 between National-Oilwell, Inc., a Delaware corporation (the "Company"), and The Bank of New York, a New York banking corporation, as trustee (the "Trustee").

RECITALS OF THE COMPANY

The Company has duly authorized the creation of the Notes (as hereinafter defined), substantially of the tenor and amount hereinafter set forth, and to provide therefor the Company has duly authorized the execution and delivery of this Indenture.

All things necessary to make the Notes, when issued by the Company and authenticated and delivered hereunder and duly issued by the Company, the valid obligations of the Company, and to make this Indenture a valid agreement of the Company, in accordance with the terms of the Notes and this Indenture, respectively, have been done.

Upon the issuance of the Exchange Notes (as hereinafter defined) or the effectiveness of a registration statement filed pursuant to the Registration Rights Agreement (as hereinafter defined), this Indenture will be subject to the provisions of the TIA (as hereinafter defined) that are required to be a part of this Indenture and shall, to the extent applicable, be governed by such provisions. Prior thereto, the provisions of the TIA will apply to this Indenture only to the extent expressly provided herein.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

For and in consideration of the premises and the purchase of the Notes by Holders thereof, it is mutually agreed, for the equal and proportionate benefit of all Holders of the Notes as follows:

ARTICLE I DEFINITIONS AND INCORPORATION BY REFERENCE

Section 1.1 DEFINITIONS

"Affiliate" of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For purposes of this definition, "control" (including, with correlative meanings, the terms "controlling," "controlled by" and "under common control with"), as used with respect to any Person, shall mean the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of such Person, whether through the ownership of voting securities, by agreement or otherwise; provided that beneficial ownership of 10% or more of the voting securities of a Person shall be deemed to be control.

"Agent" means any Registrar, Paying Agent or co-registrar.

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

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

"Board of Directors" means the Board of Directors of the Company or any committee thereof duly authorized to act on behalf of such Board.

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

"Clearstream" means Clearstream Banking, formerly known as Cedel Bank.

"Consolidated Net Tangible Assets" means the aggregate amount of assets included on a consolidated balance sheet of the Company, less applicable reserves and other properly deductible items and after deducting therefrom (a) all current liabilities (other than liabilities that, by their terms, are extendible or renewable at the option of the obligor to a date 12 months or more after the date on which such current liabilities are determined) and (b) all goodwill, trade names, trademarks, patents, copyrights, unamortized debt discount and expense and other like intangibles, all in accordance with generally accepted accounting principles consistently applied.

"Corporate Trust Office of the Trustee" shall be at the address of the Trustee specified in Section 10.2 hereof or such other address as to which the Trustee may give notice to the Company.

"Custodian" means any receiver, trustee, assignee, liquidator, sequester or similar official under the Bankruptcy Code.

"Default" means any event that is or with the passage of time or the giving of notice (or both) would be an Event of Default.

"Definitive Note" means a certificated Note registered in the name of the Holder thereof and issued in accordance with Section 2.6 hereof, in the form of Exhibit A-1 hereto except that such Note shall not bear the Global Note Legend and shall not have the "Schedule of Exchanges of Interests in the Global Note" attached thereto.

"Depositary" means, with respect to the Global Notes issued, the Person specified in Section 2.3 hereof as the Depositary with respect to the Notes, and any and all successors thereto appointed as depositary hereunder and having become such pursuant to the applicable provision of this Indenture.

"Euroclear" means Morgan Guaranty Trust Company of New York, Brussels office, as operator of the Euroclear system.

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

"Exchange Notes" means any Note issued in exchange for an Initial Note or Initial Notes pursuant to the Exchange Offer or otherwise registered under the Securities Act (which shall be substantially identical to the Initial Notes except that the Exchange Notes will have been registered pursuant to an effective registration statement under the Securities Act, will not be subject to transfer restrictions or registration rights and will not be entitled to the benefit of

provisions for the increase of the interest rate) and any Note with respect to which the next preceding predecessor Note of such Note was an Exchange Note.

"Exchange Offer" has the meaning set forth in the Registration Rights Agreement.

"Exchange Offer Registration Statement" has the meaning set forth in the Registration Rights Agreement.

"Global Note Legend" means the legend set forth in Section 2.6(g)(ii) hereof, which is required to be placed on all Global Notes issued under this Indenture.

"Global Notes" means, individually and collectively, each of the Restricted Global Notes and the Unrestricted Global Notes, in the form of Exhibit A hereto issued in accordance with Section 2.1, 2.6(b)(iv), 2.6(d)(iv) or 2.6(f) hereof.

"Government Securities" means direct obligations of, or obligations guaranteed by, the United States of America for the payment of which guarantees or obligations the full faith and credit of the United States is pledged.

"Guarantee" means a guarantee (other than by endorsement of negotiable instruments for collection in the ordinary course of business), direct or indirect, in any manner (including, without limitation, letters of credit and reimbursement agreements in respect thereof or pledging assets to secure), of all or any part of any indebtedness.

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

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

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

"Initial Notes" means all Notes other than Exchange Notes.

"Institutional Accredited Investor" means an institution that is an "accredited investor," as defined in Rule 501(a)(1), (2), (3) or (7) under the Securities Act.

"Interest Payment Date" shall have the meaning assigned to it in the Notes as contemplated by Section 2.1 hereof.

"Issue Date" means the date on which Initial Notes are first authenticated and delivered under this Indenture.

"Legal Holiday" a Saturday, a Sunday or a day on which banking institutions in the City of 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.

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

"Lien" means, with respect to any property or asset, any mortgage, pledge, lien, encumbrance, charge or security interest of any kind in respect of such property or asset, whether or not filed, recorded or otherwise perfected under applicable law, but excluding agreements to refrain from granting Liens.

"Make-Whole Premium" means an amount, with respect to any Note (or portion thereof) to be redeemed pursuant to Article III hereof, equal to the excess, if any, of (a) the sum of the present values, calculated as of the Redemption Date, of (i) each interest payment that, but for such redemption, would have been payable on the Note (or portion thereof) being redeemed on each Interest Payment Date occurring after the Redemption Date (excluding any accrued interest for the period prior to the Redemption Date) and (ii) the principal amount that, but for such redemption, would have been payable at the final maturity of the Note (or portion thereof) being redeemed; over (b) the principal amount of the Note (or portion thereof) being redeemed. The present values of interest and principal payments referred to in clauses (i) and (ii) above will be determined in accordance with generally accepted principles of financial analysis. Such present values will be calculated by discounting the amount of each payment of interest or principal from the date that each such payment would have been payable, but for the redemption, to the Redemption Date at a discount rate equal to the Treasury Yield (as defined below) plus 25 basis points. The Make-Whole Premium will be calculated by an independent investment banking institution of national standing appointed by the Company; provided, that if the Company fails to make such appointment at least 45 days prior to the Redemption Date, or if the institution so appointed is unwilling or unable to make such calculation, such calculation will be made by Merrill Lynch, Pierce, Fenner & Smith Incorporated or if such firm is unwilling or unable to make such calculation, by an independent investment banking institution of national standing appointed by the Trustee (in any such case, an "Independent Investment Banker"). For purposes of determining the Make-Whole Premium, "Treasury Yield" means a rate of interest per annum equal to the weekly average yield to maturity of United States Treasury Notes that have a constant maturity that corresponds to the remaining term to maturity of the Notes, calculated to the nearest 1/12th of a year (the "Remaining Term"). The Treasury Yield will be determined as of the third business day immediately preceding the applicable Redemption Date. The weekly average yields of United States Treasury Notes will be determined by reference to the most recent statistical release published by the Federal Reserve Bank of New York and designated "H.15(519) Selected Interest Rates" or any successor release (the "H.15 Statistical Release"). If the H.15 Statistical Release sets forth a weekly average yield for United States Treasury Notes having a constant maturity that is the same as the Remaining Term, then the Treasury Yield will be equal to such weekly average yield. In all other cases, the Treasury Yield will be calculated by interpolation, on a straight-line basis, between the weekly average yields on the United States Treasury Notes that have a constant maturity closest to and greater than the Remaining Term and the United States Treasury Notes that have a constant maturity closest to and less than the Remaining Term (in each case as set forth in the H.15 Statistical Release). Any weekly average yields as calculated by interpolation will be rounded to the nearest 1/100th of 1%, with any figure of 1/200% or above being rounded upward. If weekly average yields for United States Treasury Notes are not available in the H.15 Statistical Release or otherwise, then the Treasury

Yield will be calculated by interpolation of comparable rates selected by the Independent Investment Banker.

"Non-U.S. Person" means a person who is not a U.S. Person.

"Note Custodian" means the Trustee, as custodian with respect to the Global Notes, or any successor entity thereto.

"Notes" means the 5.65% Notes due 2012 of the Company, including the Initial Notes and the Exchange Notes. For all purposes of this Indenture, the term "Notes" shall include any Exchange Notes issued in exchange for Initial Notes pursuant to this Indenture and, for purposes of this Indenture, all outstanding Initial Notes and Exchange Notes shall vote together as one series of Notes under this Indenture.

"Officer" means, with respect to any Person, the Chairman of the Board, the Chief Executive Officer, the President, the Chief Operating Officer, the Chief Financial Officer, the Treasurer, any Assistant Treasurer, the Controller, the Secretary, any Assistant Secretary or any Vice-President of such Person.

"Officers' Certificate" means a certificate signed on behalf of the Company by two Officers of the Company, one of whom must be the principal executive officer, the principal financial officer or the principal accounting officer of the Company, that meets the requirements of Section 10.5 hereof.

"Opinion of Counsel" means an opinion from legal counsel who is reasonably acceptable to the Trustee, that meets the requirements of Section 10.5 hereof. The counsel may be an employee of or counsel to the Company or any Subsidiary of the Company.

"Participant" means, with respect to DTC, Euroclear or Clearstream, a Person who has an account with DTC, Euroclear or Clearstream, respectively (and, with respect to DTC, shall include Euroclear and Clearstream).

"Participating Broker-Dealer" has the meaning set forth in the Registration Rights Agreement.

"Permitted Liens" means:

(a) any Lien on any property hereafter acquired (including acquisition through merger or consolidation) or constructed by the Company or a Restricted Subsidiary and created contemporaneously with, or within twelve months after, such acquisition or the completion of construction to secure or provide for the payment of all or any part of the purchase price of such property or the cost of construction thereof, as the case may be; or

(b) statutory liens or landlords', carriers', warehouseman's, mechanics', suppliers', materialmen's, repairmen's or other similar Liens arising in the ordinary course of business and with respect to amounts not yet delinquent or being contested in good faith by appropriate proceedings; or

(c) Liens existing on property at the time of acquisition by the Company or a Restricted Subsidiary; or

(d) Liens existing on the property or on the outstanding shares or indebtedness of any Person at the time it becomes a Restricted Subsidiary; or

(e) Liens on property of a Person existing at the time such Person is merged into or consolidated with the Company or a Restricted Subsidiary; or

(f) Liens on property of the Company or a Restricted Subsidiary in favor of the United States of America or any State thereof or any foreign government, or any department, agency or instrumentality or political subdivision of any thereof, to secure partial, progress, advance or other payments pursuant to any contract or statute; or

(g) Liens existing on property owned by the Company or any of its Subsidiaries on the date of this Indenture or provided for pursuant to agreements existing on the date of the Indenture; or

(h) Liens created pursuant to the creation of trusts or other arrangements funded solely with cash, cash equivalents or other marketable investments or securities of the type customarily subject to such arrangements in customary financial practice with respect to long-term or medium-term indebtedness for money borrowed, the sole purpose of which is to make provisions for the retirement or defeasance, without prepayment of indebtedness; or

(i) any extensions, renewals or replacements (or successive extensions, renewals or replacements) in whole or in part of a Lien referred to in the foregoing clauses (a) through (h) above; provided, however, that the principal amount of Secured Debt secured thereby shall not exceed the principal amount outstanding at the time of such extension, renewal or replacement, and that such extension, renewal or replacement shall be limited to the property which secured the Lien so extended, renewed or replaced and additions to such property.

"Person" means (a) any form of business entity, association, grouping, trust or other form now or hereafter permitted by the laws of any state of the United States of America or any foreign government or utilized by businesses in the conduct of their activities and (b) a natural person, as the context may require.

"Principal Property" means any real property, manufacturing plant, office building, warehouse or other physical facility, or any other like depreciable asset of the Company or of any Restricted Subsidiary, whether owned at the date of this Indenture or thereafter acquired that in the opinion of the Board of Directors of the Company is of material importance to the total business conducted by the Company and its Restricted Subsidiaries, as a whole; provided, however, that any such property shall not be deemed a Principal Property if such property does not have a fair value in excess of 5% of the total assets included on a consolidated balance sheet of the Company and its Restricted Subsidiaries prepared in accordance with generally accepted accounting principles consistently applied.

"Private Placement Legend" means the legend set forth in Section 2.6(g)(i) hereof to be placed on all Notes issued under this Indenture except where otherwise permitted by the provisions of this Indenture.

"QIB" means a "qualified institution buyer" as defined in Rule 144A.

"Redemption Date" has the meaning assigned to it in Section 3.1.

"Redemption Price" has the meaning assigned to it in Section 3.1

"Registration Rights Agreement" means the Registration Rights Agreement, dated as of November 22, 2002, by and among the Company and the other party named on the signature pages thereof, attached hereto as Exhibit E, as such agreement may be amended, modified or supplemented from time to time.

"Regulation S" means Regulation S promulgated under the Securities Act.

"Regulation S Global Note" means a Regulation S Temporary Global Note or Regulation S Permanent Global Note, as appropriate.

"Regulation S Permanent Global Note" means a permanent global Note in the form of Exhibit A-1 hereto bearing the Global Note Legend and the Private Placement Legend and deposited with or on behalf of and registered in the name of the Depositary or its nominee, issued in a denomination equal to the outstanding principal amount of the Regulation S Temporary Global Note upon expiration of the Restricted Period.

"Regulation S Temporary Global Note" means a temporary global Note in the form of Exhibit A-2 hereto bearing the Private Placement Legend and deposited with or on behalf of and registered in the name of the Depositary or its nominee, issued in a denomination equal to the outstanding principal amount of the Notes initially sold in reliance on Rule 903 of Regulation S.

"Remaining Term" has the meaning assigned to it in the definition of "Make-Whole Premium."

"Responsible Officer," when used with respect to the Trustee, means any officer, including, without limitation, any vice president, assistant vice president, assistant treasurer or assistant secretary within the corporate trust department of the Trustee (or any successor group of the Trustee) or any other officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and also means, with respect to any particular corporate trust matter, any other officer or employee to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

"Restricted Definitive Note" means a Definitive Note bearing the Private Placement Legend.

"Restricted Global Note" means a Global Note bearing the Private Placement Legend.

"Restricted Period" means the 40-day distribution compliance period as set forth in Regulation S.

"Restricted Subsidiary" means (a) any currently existing Subsidiary whose principal assets and business are located in the United States or Canada, and (b) any Subsidiary that is designated by the Company to be a Restricted Subsidiary.

"Rule 144" means Rule 144 promulgated under the Securities Act.

"Rule 144A" means Rule 144A promulgated under the Securities Act.

"Rule 144A Global Note" means the Global Note in the form of Exhibit A-1 hereto bearing the Global Note Legend and the Private Placement Legend and deposited with and registered in the name of the Depository or its nominee that will be issued in a denomination equal to the outstanding principal amount of the Notes sold in reliance on Rule 144A.

"Rule 903" means Rule 903 promulgated under the Securities Act.

"Rule 904" means Rule 904 promulgated under the Securities Act.

"Sale and Leaseback Transaction" means the sale or transfer by the Company or a Restricted Subsidiary of any Principal Property owned by it with the intention of taking back a lease on such property.

"SEC" means the Securities and Exchange Commission.

"Secured Debt" means indebtedness for money borrowed by the Company or a Restricted Subsidiary, and any other indebtedness of the Company or a Restricted Subsidiary, on which interest is paid or payable (other than indebtedness owed by a Restricted Subsidiary to the Company, by a Restricted Subsidiary to another Restricted Subsidiary or by the Company to a Restricted Subsidiary), that in any such case is secured by (a) any Lien on any Principal Property of the Company or a Restricted Subsidiary or (b) a Lien on any shares of stock or indebtedness of a Restricted Subsidiary that owns a Principal Property. The amount of Secured Debt at any time outstanding shall be the amount then owing thereon by the Company or a Restricted Subsidiary.

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

"Shelf Registration Statement" has the meaning set forth in the Registration Rights Agreement.

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

"Stated Maturity" means, with respect to any installment of interest or principal on any series of indebtedness, including the Notes, the date on which such payment of interest or principal was scheduled to be paid in the original documentation governing such indebtedness,

and shall not include any contingent obligations to repay, redeem or repurchase any such interest or principal prior to the date originally scheduled for the payment thereof.

"Subsidiary" means, with respect to any Person, (a) any corporation of which the Company, or the Company and one or more Subsidiaries, or any one or more Subsidiaries, directly or indirectly own voting securities entitling any one or more of the Company and its Subsidiaries to elect a majority of the directors, either at all times, or so long as there is no default or contingency which permits the holders of any other class or classes of securities to vote for the election of one or more directors, (b) any partnership of which the Company, or the Company and one or more of its Subsidiaries, or any one or more Subsidiaries, is at the date of determination, a general or limited partner of such partnership, but only if the Company and its Subsidiaries are entitled to receive more than 50% of the assets of such partnership upon dissolution or more than 50% of the profits of such partnership, or (c) any other Person (other than a corporation or partnership) in which the Company, or the Company and one or more Subsidiaries, or any one or more Subsidiaries, directly or indirectly, at the date of determination thereof, has (x) at least a majority ownership interest or (y) the power to elect or direct the election of a majority of the directors or other governing body of such Person.

"TIA" means the Trust Indenture Act of 1939 (15 U.S.C. Sections 77aaa-77bbb) as in effect on the date on which this Indenture is qualified under the TIA, except as provided in Section 9.3 hereof.

"Trustee" means the party named as such above until a successor replaces it in accordance with the applicable provisions of this Indenture and thereafter means the successor serving hereunder.

"Unrestricted Definitive Note" means one or more Definitive Notes that do not bear and are not required to bear the Private Placement Legend.

"Unrestricted Global Note" means a permanent global Note in the form of Exhibit A-1 attached hereto that bears the Global Note Legend and that has the "Schedule of Exchanges of Interests in the Global Note" attached thereto, and that is deposited with or on behalf of and registered in the name of the Depositary, representing a series of Notes that do not bear the Private Placement Legend.

"U.S. Person" means a U.S. person as defined in Rule 902(k) under the Securities Act.

Section 1.2 OTHER DEFINITIONS

TERM	DEFINED IN SECTION
"Covenant Defeasance".....	8.5
"DTC".....	2.3
"Event of Default".....	6.1
"Defeasance".....	8.4
"Paying Agent".....	2.3
"Registrar".....	2.3

Section 1.3 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. The following TIA terms used in this Indenture have the following meanings:

"indenture securities" means the Notes; and

"obligor" on the Notes means the Company and any successor obligor upon the Notes.

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

Section 1.4 RULES OF CONSTRUCTION

Unless the context otherwise requires:

- (1) a term has the meaning assigned to it;
- (2) an accounting term not otherwise defined has the meaning assigned to it in accordance with generally accepted accounting principles set forth in the opinions and pronouncements of the Accounting Principles Board of the American Institute of Certified Public Accountants, the statements and pronouncements of the Financial Accounting Standards Board and such other statements by such other entities as have been approved by a significant segment of the accounting profession, which are applicable at the date of determination;
- (3) "or" is not exclusive;
- (4) words in the singular include the plural, and in the plural include the singular;
- (5) provisions apply to successive events and transactions; and
- (6) references to sections of or rules under the Securities Act shall be deemed to include substitute, replacement of successor sections or rules adopted by the SEC from time to time.

ARTICLE II
THE NOTES

Section 2.1 FORM AND DATING

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

The Notes will mature on November 15, 2012, and each Note will bear interest from the date of initial issuance of such Note (which date shall be set forth in the certificate representing such Note) at the rate per annum of 5.65%, which interest shall be payable semiannually on each May 15 and November 15 following the date of initial issuance of such Note, commencing on the first May 15 or November 15 next following the date of initial issuance of such Note (which date shall be set forth in the certificate representing such Note), to the Person in whose name the certificate representing such Note is registered at the close of business on the preceding May 1 or November 1, as the case may be. The Notes will be subject to redemption prior to maturity pursuant to Article III of this Indenture. The interest rate accruing on the Initial Notes entitled to the benefits of the Registration Rights Agreement is subject to increase upon the occurrence of certain events as provided in the Registration Rights Agreement.

The Notes are senior unsecured obligations of the Company and rank *pari passu* in right of payment with all other unsecured and unsubordinated indebtedness of the Company.

The terms and provisions contained in the Notes shall constitute, and are hereby expressly made, a part of this Indenture and the Company and the Trustee, by their execution and delivery of this Indenture, expressly agree to such terms and provisions and to be bound thereby. However, to the extent any provision of any Note conflicts with the express provisions of this Indenture, the provisions of this Indenture shall govern and be controlling. Notes issued in global form shall be substantially in the form of Exhibit A-1 or A-2 attached hereto (including the Global Note Legend and the "Schedule of Exchanges of Interests in the Global Note" attached thereto). Notes issued in definitive form shall be substantially in the form of Exhibit A-1 attached hereto (but without the Global Note Legend and without the "Schedule of Exchanges of Interests in the Global Note" attached thereto). Each Global Note shall represent such of the outstanding Notes as shall be specified therein and each shall provide that it shall represent the aggregate principal amount of outstanding Notes from time to time endorsed thereon and that the aggregate principal amount of outstanding Notes represented thereby may from time to time be reduced or increased, as appropriate, to reflect exchanges and redemptions. Any endorsement of a Global Note to reflect the amount of any increase or decrease in the aggregate principal amount of outstanding Notes represented thereby shall be made by the Trustee, the Depositary or the Note Custodian, at the direction of the Trustee, in accordance with instructions given by the Holder thereof as required by Section 2.6 hereof.

Notes offered and sold in reliance on Regulation S shall be issued initially in the form of the Regulation S Temporary Global Note, which shall be deposited on behalf of the purchasers of the Notes represented thereby with the Trustee, at its New York office, as custodian for the Depositary, and registered in the name of the nominee of the Depositary for credit to the accounts of designated agents holding on behalf of Euroclear or Clearstream, duly executed by the Company and authenticated by the Trustee as hereinafter provided. The Restricted Period shall be terminated after the 40-day distribution compliance period applicable to the Initial Notes (or subsequent Initial Notes issued upon a reopening of the series of Notes as described in Section 2.2, if applicable) has expired under Regulation S and upon the receipt by the Trustee of (i) a written certificate from the Depositary, together with copies of certificates from Euroclear and Clearstream certifying that they have received certification of non-United States beneficial ownership of 100% of the aggregate principal amount of the Regulation S Temporary Global Note (except to the extent of any beneficial owners thereof who acquired an interest therein

during the Restricted Period pursuant to another exemption from registration under the Securities Act and who will take delivery of a beneficial ownership interest in a 144A Global Note bearing a Private Placement Legend, all as contemplated by Section 2.6(b) hereof), and (ii) an Officers' Certificate from the Company stating that the applicable Restricted Period has terminated. Following the termination of the Restricted Period, beneficial interests in the Regulation S Temporary Global Note shall be exchanged for beneficial interests in Regulation S Permanent Global Notes pursuant to the Applicable Procedures. Simultaneously with the authentication of Regulation S Permanent Global Notes, the Trustee shall cancel the Regulation S Temporary Global Note. The aggregate principal amount of the Regulation S Temporary Global Note and the Regulation S Permanent Global Notes may from time to time be increased or decreased by adjustments made on the records of the Trustee and the Depositary or its nominee, as the case may be, in connection with transfers of interests as hereinafter provided.

The provisions of the "Operating Procedures of the Euroclear System" and "Terms and Conditions Governing Use of Euroclear" and the "General Terms and Conditions of Clearstream Bank" and "Customer Handbook" of Clearstream shall be applicable to transfers of beneficial interests in the Regulation S Temporary Global Note and the Regulation S Permanent Global Notes that are held by members of, or Participants, in DTC through Euroclear or Clearstream.

Section 2.2 EXECUTION AND AUTHENTICATION

An Officer (who shall be the Chief Executive Officer, the Chief Financial Officer or the Treasurer) shall sign the Notes for the Company by manual or facsimile signature.

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

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

The Trustee shall, upon a written order of the Company signed by an Officer, authenticate and make available for delivery (1) Initial Notes for original issue on the date hereof in an aggregate principal amount of \$200.0 million (and any Initial Notes subsequently issued by reopening the series of Notes as described below) and (2) Exchange Notes in exchange for Initial Notes of an equal principal amount. The aggregate principal amount of Notes which may be authenticated and delivered under this Indenture is initially limited to \$200,000,000, except for Notes authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Notes pursuant to Sections 2.6, 2.7, 2.10, or 9.5; provided, however, that the Company may, so long as no Event of Default has occurred and is continuing, reopen the series of Notes represented by the 5.65% Notes due 2012 to issue additional Initial Notes for such series, which shall form a single series with the Notes and shall have the same terms, without the consent of the Holders. All Initial Notes issued by reopening the series of Notes as provided in the previous sentence (and any Exchange Notes issued in exchange therefor) shall be identical in all respects to the Initial Notes issued on the date hereof, other than the Issue Date, the date from which interest accrues and any changes relating thereto. Notwithstanding the provisions of Section 2.6 permitting the issuance of Definitive Notes, the Initial Notes issued on the date hereof in the aggregate principal amount of \$200.0 million and the Exchange Notes relating thereto will be

issued in the form of Global Notes only and no Holder shall have the right to receive such an Initial Note or such Exchange Note in the form of a Definitive Note unless Definitive Notes are issued as required in Section 2.6(a).

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

Section 2.3 REGISTRAR AND PAYING AGENT

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

The Company initially appoints The Depository Trust Company ("DTC") to act as Depository with respect to the Global Notes.

The Company initially appoints the Trustee to act as the Registrar and Paying Agent and to act as Note Custodian with respect to the Global Notes.

Section 2.4 PAYING AGENT TO HOLD MONEY IN TRUST

The Company shall require each Paying Agent other than the Trustee to agree in writing that the Paying Agent will hold in trust for the benefit of Holders or the Trustee all money held by the Paying Agent for the payment of principal of, or interest or premium, if any, on, the Notes, and will notify the Trustee of any default by the Company in making any such payment. While any such default continues, the Trustee may require a Paying Agent to pay all money held by it to the Trustee. The Company at any time may require a Paying Agent to pay all money held by it to the Trustee. Upon payment over to the Trustee, the Paying Agent (if other than the Company or a Subsidiary) shall have no further liability for the money. If the Company or a Subsidiary acts as Paying Agent, it shall segregate and hold in a separate trust fund for the benefit of the Holders all money held by it as Paying Agent. Upon any bankruptcy or reorganization proceedings relating to the Company, the Trustee shall serve as Paying Agent for the Notes.

Section 2.5 HOLDER LISTS

The Trustee shall preserve in as current a form as is reasonably practicable the most recent list available to it of the names and addresses of all Holders and shall otherwise comply with TIA Section 312(a). If the Trustee is not the Registrar, the Company shall provide to a Responsible Officer of the Trustee at least seven Business Days before each interest payment date and at such other times as the Trustee may request in writing, a list in such form and as of such date as the Trustee may reasonably require of the names and addresses of the Holders of Notes and the Company shall otherwise comply with TIA Section 312(a).

Section 2.6 TRANSFER AND EXCHANGE

(a) Transfer and Exchange of Global Notes. A Global Note may not be transferred as a whole except by the Depository to a nominee of the Depository, by a nominee of the Depository to the Depository or to another nominee of the Depository, or by the Depository or any such nominee to a successor Depository or a nominee of such successor Depository. All Global Notes will be exchanged by the Company for Definitive Notes if (i) the Company delivers to the Trustee notice from the Depository that it is unwilling or unable to continue to act as Depository for the Global Notes or that it is no longer a clearing agency registered under the Exchange Act and, in either case, a successor Depository is not appointed by the Company within 90 days after the date of such notice from the Depository or (ii) the Company in its sole discretion notifies the Trustee in writing that it elects to cause issuance of the Notes in certificated form; provided that in no event shall the Regulation S Temporary Global Note be exchanged by the Company for Definitive Notes prior to the expiration of the Restricted Period. Upon the occurrence of either of the preceding events in (i) or (ii) above, Definitive Notes shall be issued in such names as the Depository shall instruct the Trustee. Global Notes also may be exchanged or replaced, in whole or in part, as provided in Sections 2.7 and 2.11 hereof. Every Note authenticated and delivered in exchange for, or in lieu of, a Global Note or any portion thereof, pursuant to Section 2.7 or 2.11 hereof, shall be authenticated and delivered in the form of, and shall be, a Global Note. A Global Note may not be exchanged for another Note other than as provided in this Section 2.6(a); however, beneficial interests in a Global Note may be transferred and exchanged as provided in Section 2.6(b), (c) or (f) hereof.

(b) Transfer and Exchange of Beneficial Interests in the Global Notes. The transfer and exchange of beneficial interests in the Global Notes shall be effected through the Depository, in accordance with the provisions of this Indenture and the Applicable Procedures. Beneficial interests in the Restricted Global Notes shall be subject to restrictions on transfer set forth herein. Transfers of beneficial interests in the Global Notes also shall require compliance with either subparagraph (i) or (ii) below, as applicable, as well as one or more of the other following subparagraphs as applicable:

- (i) Transfer of Beneficial Interests in the Same Global Note. Beneficial interests in any Restricted Global Note may be transferred to Persons who take delivery thereof in the form of a beneficial interest in the same Restricted Global Note in accordance with the transfer restrictions set forth in the Private Placement Legend; provided, however, that prior to the expiration of the Restricted Period transfers of beneficial interests in the

Temporary Regulation S Global Note may not be made to a U.S. Person or for the account or benefit of a U.S. Person. Beneficial interests in any Unrestricted Global Note may be transferred only to Persons who take delivery thereof in the form of a beneficial interest in an Unrestricted Global Note. No written orders or instructions shall be required to be delivered to the Registrar to effect the transfers described in this Section 2.6(b)(i).

- (ii) All Other Transfers and Exchanges of Beneficial Interests in Global Notes. In connection with all transfers and exchanges of beneficial interests (other than a transfer of a beneficial interest in a Global Note to a Person who takes delivery thereof in the form of a beneficial interest in the same Global Note), the transferor of such beneficial interest must deliver to the Registrar (A) (1) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to credit or cause to be credited a beneficial interest in another Global Note in an amount equal to the beneficial interest to be transferred or exchanged and (2) instructions given in accordance with the Applicable Procedures containing information regarding the Participant account to be credited with such increase or (B) (1) a written order from a Participant or an Indirect Participant given to the Depositary in accordance with the Applicable Procedures directing the Depositary to cause to be issued a Definitive Note in an amount equal to the beneficial interest to be transferred or exchanged and (2) instructions given by the Depositary to the Registrar containing information regarding the Person in whose name such Definitive Note shall be registered to effect the transfer or exchange referred to in (1) above; provided that (x) no transfer or exchange of a beneficial interest in a Global Note for a Definitive Note shall be effective under clause (B) hereof unless permitted by Applicable Procedures of the Depositary, (y) in no event shall Definitive Notes be issued upon the transfer or exchange of beneficial interests in the Regulation S Temporary Global Note prior to (1) the expiration of the Restricted Period and (2) the receipt by the Registrar of any certificates required pursuant to Rule 903 under the Securities Act and (z) beneficial interests in a Global Note may be exchanged for Definitive Notes only upon at least 20 days prior written notice given to the Trustee by or on behalf of the Depositary in accordance with Applicable Procedures. Upon an Exchange Offer by the Company in accordance with Section 2.6(f) hereof, the requirements of this Section 2.6(b)(ii) shall be deemed to have been satisfied upon receipt by the Registrar of the instructions contained in the Letter of Transmittal delivered by the Holder of such beneficial interests in the Restricted Global Notes. Upon satisfaction of all of the requirements for transfer or exchange of beneficial interests in Global Notes contained in this Indenture, the Trustee shall adjust the principal amount of the relevant Global Note(s) pursuant to Section 2.6(h) hereof.

- (iii) Transfer of Beneficial Interests to Another Restricted Global Note. A beneficial interest in any Restricted Global Note may be transferred to a Person who takes delivery thereof in the form of a beneficial interest in another Restricted Global Note if the transfer complies with the requirements of clause (ii) above and the Registrar receives the following:
- (A) if the transferee will take delivery in the form of a beneficial interest in the Rule 144A Global Note, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in Item (1) thereof; or
 - (B) if the transferee will take delivery in the form of the Regulation S Temporary Global Note or the Regulation S Permanent Global Note, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in Item (2) thereof.
- (iv) Transfer and Exchange of Beneficial Interests in a Restricted Global Note for Beneficial Interests in the Unrestricted Global Note. A beneficial interest in any Restricted Global Note may be exchanged by any holder thereof for a beneficial interest in an Unrestricted Global Note or transferred to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note if the exchange or transfer complies with the requirements of clause (ii) above and:
- (A) such exchange or transfer is effected pursuant to the Exchange Offer in accordance with the Registration Rights Agreement and the holder of the beneficial interest to be transferred, in the case of an exchange, or the transferee, in the case of a transfer, is not (1) a broker-dealer, (2) a Person participating in the distribution of the Exchange Notes or (3) a Person who is an affiliate (as defined in Rule 144) of the Company;
 - (B) any such transfer is effected pursuant to the Shelf Registration Statement in accordance with the Registration Rights Agreement;
 - (C) any such transfer is effected by a Participating Broker-Dealer pursuant to the Exchange Offer Registration Statement in accordance with the Registration Rights Agreement; or
 - (D) the Registrar receives the following:
 - (1) if the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a beneficial interest in an Unrestricted Global Note, a certificate from such holder in the form of Exhibit C hereto, including the certifications in Item (1)(a) thereof;

- (2) if the holder of such beneficial interest in a Restricted Global Note proposes to transfer such beneficial interest to a Person who shall take delivery thereof in the form of a beneficial interest in an Unrestricted Global Note, a certificate from such holder in the form of Exhibit B hereto, including the certifications in Item (4) thereof; and
- (3) in each such case set forth in this subparagraph (D), an Opinion of Counsel in form reasonably acceptable to the Company to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are not required in order to maintain compliance with the Securities Act.

If any such transfer is effected pursuant to subparagraph (B) or (D) above at a time when an Unrestricted Global Note has not yet been issued, the Company shall issue and, upon receipt of an authentication order in accordance with Section 2.2 hereof, the Trustee shall authenticate one or more Unrestricted Global Notes in an aggregate principal amount equal to the principal amount of beneficial interests transferred pursuant to subparagraph (B) or (D) above.

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

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

- (i) If any holder of a beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a Definitive Note or to transfer such beneficial interest to a Person who takes delivery thereof in the form of a Definitive Note, then, upon receipt by the Registrar of the following documentation:
 - (A) if the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a Restricted Definitive Note, a certificate from such holder in the form of Exhibit C hereto, including the certifications in Item (2)(a) thereof;
 - (B) if such beneficial interest is being transferred to a QIB in accordance with Rule 144A under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (1) thereof;
 - (C) if such beneficial interest is being transferred to a Non-U.S. Person in an offshore transaction in accordance with Rule 903 or Rule 904 under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (2) thereof;

- (D) if such beneficial interest is being transferred pursuant to an exemption from the registration requirements of the Securities Act in accordance with Rule 144 under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(a) thereof;
- (E) if such beneficial interest is being transferred to an Institutional Accredited Investor or in reliance on any other exemption from the registration requirements of the Securities Act, in either case other than those listed in subparagraphs (B) through (D) above, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by Item (3) thereof, if applicable;
- (F) if such beneficial interest is being transferred to the Company or any of its subsidiaries, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(b) thereof; or
- (G) if such beneficial interest is being transferred pursuant to an effective registration statement under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(c) thereof,

the Trustee shall cause the aggregate principal amount of the applicable Global Note to be reduced accordingly pursuant to Section 2.6(h) hereof, and the Company shall execute and the Trustee shall authenticate and make available for delivery to the Person designated in the instructions a Definitive Note in the appropriate principal amount. Any Definitive Note issued in exchange for a beneficial interest in a Restricted Global Note pursuant to this Section 2.6(c) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest shall instruct the Registrar through instructions from the Depositary and the Participant or Indirect Participant. The Trustee shall make available for delivery such Definitive Notes to the Persons in whose names such Notes are so registered. Any Definitive Note issued in exchange for a beneficial interest in a Restricted Global Note pursuant to this Section 2.6(c)(i) shall bear the Private Placement Legend and shall be subject to all restrictions on transfer contained therein.

- (ii) Notwithstanding Sections 2.6(c)(i)(A) and (C) hereof, a beneficial interest in the Regulation S Temporary Global Note may not be (A) exchanged for a Definitive Note prior to the expiration of the Restricted Period or (B) transferred to a Person who takes delivery thereof in the form of a Definitive Note prior to the conditions set forth in clause (A) above or unless the transfer is pursuant to an exemption from the registration requirements of the Securities Act other than Rule 903 or Rule 904.

- (iii) Notwithstanding 2.6(c)(i) hereof, a holder of a beneficial interest in a Restricted Global Note may exchange such beneficial interest for an Unrestricted Definitive Note or may transfer such beneficial interest to a Person who takes delivery thereof in the form of an Unrestricted Definitive Note only if:
- (A) such exchange or transfer is effected pursuant to the Exchange Offer in accordance with the Registration Rights Agreement and the holder of such beneficial interest, in the case of an exchange, or the transferee, in the case of a transfer, is not (1) a broker-dealer, (2) a Person participating in the distribution of the Exchange Notes or (3) a Person who is an affiliate (as defined in Rule 144) of the Company;
 - (B) any such transfer is effected pursuant to the Shelf Registration Statement in accordance with the Registration Rights Agreement;
 - (C) any such transfer is effected by a Participating Broker-Dealer pursuant to the Exchange Offer Registration Statement in accordance with the Registration Rights Agreement; or
 - (D) the Registrar receives the following:
 - (1) if the holder of such beneficial interest in a Restricted Global Note proposes to exchange such beneficial interest for a Definitive Note that does not bear the Private Placement Legend, a certificate from such holder in the form of Exhibit C hereto, including the certifications in Item (1)(b) thereof;
 - (2) if the holder of such beneficial interest in a Restricted Global Note proposes to transfer such beneficial interest to a Person who shall take delivery thereof in the form of a Definitive Note that does not bear the Private Placement Legend, a certificate from such holder in the form of Exhibit B hereto, including the certifications in Item (4) thereof; and
 - (3) in each such case set forth in this subparagraph (D), an Opinion of Counsel in form reasonably acceptable to the Company, to the effect that such exchange or transfer is in compliance with the Securities Act and that the restrictions on transfer contained herein and in the Private Placement Legend are not required in order to maintain compliance with the Securities Act.
- (iv) If any holder of a beneficial interest in an Unrestricted Global Note proposes to exchange such beneficial interest for a Definitive Note or to

transfer such beneficial interest to a Person who takes delivery thereof in the form of a Definitive Note, then, upon satisfaction of the conditions set forth in Section 2.6(b)(ii) hereof, the Trustee shall cause the aggregate principal amount of the applicable Global Note to be reduced accordingly pursuant to Section 2.6(h) hereof, and the Company shall execute and the Trustee shall authenticate and make available for delivery to the Person designated in the instructions a Definitive Note in the appropriate principal amount. Any Definitive Note issued in exchange for a beneficial interest pursuant to this Section 2.6(c)(iv) shall be registered in such name or names and in such authorized denomination or denominations as the holder of such beneficial interest shall instruct the Registrar through instructions from the Depositary and the Participant or Indirect Participant. The Trustee shall make available for delivery such Definitive Notes to the Persons in whose names such Notes are so registered. Any Definitive Note issued in exchange for a beneficial interest pursuant to this Section 2.6(c)(iv) shall not bear the Private Placement Legend. A beneficial interest in an Unrestricted Global Note cannot be exchanged for a Definitive Note bearing the Private Placement Legend or transferred to a Person who takes delivery thereof in the form of a Definitive Note bearing the Private Placement Legend.

- (d) Transfer and Exchange of Definitive Notes for Beneficial Interests.
- (i) If any Holder of a Restricted Definitive Note proposes to exchange such Note for a beneficial interest in a Restricted Global Note or to transfer such Definitive Notes to a Person who takes delivery thereof in the form of a beneficial interest in a Restricted Global Note, then, upon receipt by the Registrar of the following documentation:
- (A) if the Holder of such Restricted Definitive Note proposes to exchange such Note for a beneficial interest in a Restricted Global Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in Item (2)(b) thereof;
 - (B) if such Definitive Note is being transferred to a QIB in accordance with Rule 144A under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (1) thereof;
 - (C) if such Definitive Note is being transferred to a Non-U.S. Person in an offshore transaction in accordance with Rule 903 or Rule 904 under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (2) thereof;
 - (D) if such Definitive Note is being transferred pursuant to an exemption from the registration requirements of the Securities Act in accordance with Rule 144 under the Securities Act, a certificate

to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(a) thereof;

- (E) if such Definitive Note is being transferred to an Institutional Accredited Investor or in reliance on any other exemption from the registration requirements of the Securities Act, in either case other than those listed in subparagraphs (B) through (D) above, a certificate in the form of Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by Item (3) thereof, if applicable;
- (F) if such Definitive Note is being transferred to the Company or any of its subsidiaries, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(b) thereof; or
- (G) if such Definitive Note is being transferred pursuant to an effective registration statement under the Securities Act, a certificate to the effect set forth in Exhibit B hereto, including the certifications in Item (3)(c) thereof,

the Trustee shall cancel the Definitive Note, increase or cause to be increased the aggregate principal amount of, in the case of subparagraph (A) above, the appropriate Restricted Global Note and, in the case of subparagraph (B) above, the 144A Global Note, and, in the case of subparagraph (C) above, the Regulation S Global Note, and, in the case of subparagraphs (D) through (G) above, the appropriate Global Note.

- (ii) A Holder of a Restricted Definitive Note may exchange such Note for a beneficial interest in an Unrestricted Global Note or transfer such Restricted Definitive Note to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note only if:
 - (A) such exchange or transfer is effected pursuant to the Exchange Offer in accordance with the Registration Rights Agreement and the Holder, in the case of an exchange, or the transferee, in the case of a transfer, is not (1) a broker-dealer, (2) a Person participating in the distribution of the Exchange Notes or (3) a Person who is an affiliate (as defined in Rule 144) of the Company;
 - (B) any such transfer is effected pursuant to the Shelf Registration Statement in accordance with the Registration Rights Agreement;
 - (C) any such transfer is effected by a Participating Broker-Dealer pursuant to the Exchange Offer Registration Statement in accordance with the Registration Rights Agreement; or
 - (D) the Registrar receives the following:

- (1) if the Holder of such Definitive Notes proposes to exchange such Notes for a beneficial interest in the Unrestricted Global Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in Item (1)(c) thereof;
- (2) if the Holder of such Definitive Notes proposes to transfer such Notes to a Person who shall take delivery thereof in the form of a beneficial interest in the Unrestricted Global Note, a certificate from such Holder in the form of Exhibit B hereto, including the certifications in Item (4) thereof; and
- (3) in each such case set forth in this subparagraph (D), an Opinion of Counsel in form reasonably acceptable to the Company to the effect that such exchange or transfer is in compliance with the Securities Act, that the restrictions on transfer contained herein and in the Private Placement Legend are not required in order to maintain compliance with the Securities Act, and such Definitive Notes are being exchanged or transferred in compliance with any applicable blue sky securities laws of any State of the United States.

Upon satisfaction of the conditions of any of the subparagraphs in this Section 2.6(d)(ii), the Trustee shall cancel the Definitive Notes and increase or cause to be increased the aggregate principal amount of the Unrestricted Global Note.

- (iii) A Holder of an Unrestricted Definitive Note may exchange such Note for a beneficial interest in an Unrestricted Global Note or transfer such Definitive Notes to a Person who takes delivery thereof in the form of a beneficial interest in an Unrestricted Global Note at any time. Upon receipt of a request for such an exchange or transfer, the Trustee shall cancel the applicable Unrestricted Definitive Note and increase or cause to be increased the aggregate principal amount of one of the Unrestricted Global Notes.
- (iv) If any such exchange or transfer from a Definitive Note to a beneficial interest is effected pursuant to subparagraphs (ii)(B), (ii)(D) or (iii) above at a time when an Unrestricted Global Note has not yet been issued, the Company shall issue and, upon receipt of an authentication order in accordance with Section 2.2 hereof, the Trustee shall authenticate one or more Unrestricted Global Notes in an aggregate principal amount equal to the principal amount of beneficial interests transferred pursuant to subparagraphs (ii)(B), (ii)(D) or (iii) above.

- (e) Transfer and Exchange of Definitive Notes for Definitive Notes. Upon request by a Holder of Definitive Notes and such Holder's compliance with the provisions of this Section 2.6(e), the Registrar shall register the transfer or exchange of Definitive Notes. Prior to such registration of transfer or exchange, the requesting Holder shall present or surrender to the Registrar the Definitive Notes duly endorsed or accompanied by a written instruction of transfer in form satisfactory to the Registrar duly executed by such Holder or by his attorney, duly authorized in writing. In addition, the requesting Holder shall provide any additional certifications, documents and information, as applicable, pursuant to the provisions of this Section 2.6(e).
- (i) Restricted Definitive Notes may be transferred to and registered in the name of Persons who take delivery thereof if the Registrar receives the following:
- (A) if the transfer will be made pursuant to Rule 144A under the Securities Act, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in Item (1) thereof;
 - (B) if the transfer will be made pursuant to Rule 903 or Rule 904 of the Securities Act, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications in Item (2) thereof; and
 - (C) if the transfer will be made to an Institutional Accredited Investor or pursuant to any other exemption from the registration requirements of the Securities Act, then the transferor must deliver a certificate in the form of Exhibit B hereto, including the certifications, certificates and Opinion of Counsel required by Item (3) thereof, if applicable.
- (ii) Any Restricted Definitive Note may be exchanged by the Holder thereof for an Unrestricted Definitive Note or transferred to a Person or Persons who take delivery thereof in the form of an Unrestricted Definitive Note if:
- (A) such exchange or transfer is effected pursuant to the Exchange Offer in accordance with the Registration Rights Agreement and the Holder, in the case of an exchange, or the transferee, in the case of a transfer, is not (1) a broker-dealer, (2) a Person participating in the distribution of the Exchange Notes or (3) a Person who is an affiliate (as defined in Rule 144) of the Company;
 - (B) any such transfer is effected pursuant to the Shelf Registration Statement in accordance with the Registration Rights Agreement;

- (C) any such transfer is effected by a Participating Broker-Dealer pursuant to the Exchange Offer Registration Statement in accordance with the Registration Rights Agreement; or
- (D) the Registrar receives the following:
 - (1) if the Holder of such Restricted Definitive Notes proposes to exchange such Notes for an Unrestricted Definitive Note, a certificate from such Holder in the form of Exhibit C hereto, including the certifications in Item (1)(d) thereof;
 - (2) if the Holder of such Restricted Definitive Notes proposes to transfer such Notes to a Person who shall take delivery thereof in the form of an Unrestricted Definitive Note, a certificate from such Holder in the form of Exhibit B hereto, including the certifications in Item (4) thereof; and
 - (3) in each such case set forth in this subparagraph (D), an Opinion of Counsel in form reasonably acceptable to the Company to the effect that such exchange or transfer is in compliance with the Securities Act, that the restrictions on transfer contained herein and in the Private Placement Legend are not required in order to maintain compliance with the Securities Act, and such Restricted Definitive Note is being exchanged or transferred in compliance with any applicable blue sky securities laws of any State of the United States.

(iii) A Holder of Unrestricted Definitive Notes may transfer such Notes to a Person who takes delivery thereof in the form of an Unrestricted Definitive Note. Upon receipt of a request for such a transfer, the Registrar shall register the Unrestricted Definitive Notes pursuant to the instructions from the Holder thereof. Unrestricted Definitive Notes cannot be exchanged for or transferred to Persons who take delivery thereof in the form of a Restricted Definitive Note.

(f) Exchange Offer. Upon the occurrence of the Exchange Offer in accordance with the Registration Rights Agreement, the Company shall issue and, upon receipt of (A) an authentication order in accordance with Section 2.2 hereof and (B) an Opinion of Counsel opining as to the enforceability of the Exchange Notes, the Trustee shall authenticate (i) one or more Unrestricted Global Notes in an aggregate principal amount equal to the principal amount of the beneficial interests in the Restricted Global Notes tendered for acceptance by persons that are not (x) broker-dealers, (y) Persons participating in the distribution of the Exchange Notes or (z) Persons who are affiliates (as defined in Rule 144) of the Company and accepted for exchange in the Exchange Offer or (ii) Definitive Notes in an aggregate principal amount equal to the principal amount of the Restricted Definitive Notes accepted for exchange in the Exchange Offer. Concurrent with the issuance of such Notes, the Trustee shall cause the aggregate

principal amount of the applicable Restricted Global Notes to be reduced accordingly, and the Company shall execute and the Trustee shall authenticate and make available for delivery to the Persons designated by the Holders of Definitive Notes so accepted Definitive Notes in the appropriate principal amount.

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

(i) Private Placement Legend.

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

"THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR ANY STATE SECURITIES LAWS. NEITHER THIS SECURITY NOR ANY INTEREST OR PARTICIPATION HEREIN MAY BE REOFFERED, SOLD, ASSIGNED, TRANSFERRED, PLEDGED, ENCUMBERED OR OTHERWISE DISPOSED OF IN THE ABSENCE OF SUCH REGISTRATION OR UNLESS SUCH TRANSACTION IS EXEMPT FROM, OR NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND ANY APPLICABLE STATE SECURITIES LAWS. THE HOLDER OF THIS SECURITY BY ITS ACCEPTANCE HEREOF AGREES (1) NOT TO OFFER, SELL OR OTHERWISE TRANSFER SUCH SECURITY, PRIOR TO (X) THE DATE THAT IS TWO YEARS (OR SUCH SHORTER PERIOD OF TIME AS PERMITTED BY RULE 144(k) UNDER THE SECURITIES ACT OR ANY SUCCESSOR PROVISION THEREUNDER) AFTER THE LATER OF THE ORIGINAL ISSUE DATE HEREOF (OR ANY PREDECESSOR OF THIS SECURITY) AND THE LAST DAY ON WHICH NATIONAL- OILWELL, INC. (THE "COMPANY") OR ANY AFFILIATE OF THE COMPANY WAS THE OWNER OF THIS SECURITY (OR ANY PREDECESSOR OF THIS SECURITY) AND (Y) SUCH LATER DATE, IF ANY, AS MAY BE REQUIRED BY APPLICABLE LAWS (THE "RESALE RESTRICTION TERMINATION DATE"), EXCEPT (A) TO THE COMPANY OR A SUBSIDIARY THEREOF, (B) PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT, (C) FOR SO LONG AS THIS SECURITY IS ELIGIBLE FOR RESALE PURSUANT TO RULE 144A UNDER THE SECURITIES ACT ("RULE 144A"), TO A PERSON IT REASONABLY BELIEVES IS A "QUALIFIED INSTITUTIONAL BUYER" AS DEFINED IN RULE 144A THAT IS ACQUIRING SUCH SECURITY FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER TO WHOM NOTICE IS GIVEN THAT THE TRANSFER IS BEING MADE IN RELIANCE ON RULE 144A, (D) TO AN INSTITUTIONAL "ACCREDITED INVESTOR" (AS DEFINED IN RULE

501(a)(1), (2), (3) OR (7) UNDER THE SECURITIES ACT) (AN "INSTITUTIONAL ACCREDITED INVESTOR") THAT, PRIOR TO SUCH TRANSFER, FURNISHES TO THE TRUSTEE A SIGNED LETTER CONTAINING CERTAIN REPRESENTATIONS RELATING TO RESTRICTIONS ON TRANSFER OF THE NOTE EVIDENCED HEREBY (THE FORM OF WHICH LETTER CAN BE OBTAINED FROM THE TRUSTEE), (E) PURSUANT TO OFFERS AND SALES TO NON-U.S. PERSONS THAT OCCUR IN AN "OFFSHORE TRANSACTION" WITHIN THE MEANING OF REGULATION S UNDER THE SECURITIES ACT, OR (F) PURSUANT TO ANOTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT, AND (2) THAT IT WILL GIVE TO EACH PERSON TO WHOM THIS SECURITY IS TRANSFERRED A NOTICE SUBSTANTIALLY TO THE EFFECT OF THIS LEGEND; PROVIDED THAT THE COMPANY, THE TRUSTEE, THE TRANSFER AGENT AND THE REGISTRAR SHALL HAVE THE RIGHT PRIOR TO ANY SUCH OFFER, SALE OR TRANSFER (i) PURSUANT TO CLAUSE (C), (D), (E) OR (F) TO REQUIRE THE DELIVERY OF AN OPINION OF COUNSEL, CERTIFICATION AND/OR OTHER INFORMATION SATISFACTORY TO EACH OF THEM, AND (ii) IN EACH OF THE FOREGOING CASES, TO REQUIRE THAT A CERTIFICATE OF TRANSFER IN THE FORM APPEARING ON THIS SECURITY IS COMPLETED AND DELIVERED BY THE TRANSFEROR TO THE TRUSTEE. THIS LEGEND WILL BE REMOVED UPON THE REQUEST OF A HOLDER AFTER THE RESALE RESTRICTION TERMINATION DATE. THE HOLDER HEREOF, BY PURCHASING THIS NOTE, REPRESENTS AND AGREES FOR THE BENEFIT OF THE COMPANY THAT IT IS (1) A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A, (2) AN INSTITUTIONAL ACCREDITED INVESTOR, (3) A NON-U.S. PERSON AND IS ACQUIRING THE NOTE IN AN "OFFSHORE TRANSACTION" PURSUANT TO REGULATION S UNDER THE SECURITIES ACT OR (4) IT IS A PERSON ELIGIBLE TO BE TRANSFERRED THIS NOTE IN ACCORDANCE WITH CLAUSE (F) OF THE FOREGOING SENTENCE. THIS LEGEND WILL BE REMOVED UPON THE REQUEST OF THE HOLDER AFTER THE RESALE RESTRICTION TERMINATION DATE. AS USED HEREIN, THE TERMS "OFFSHORE TRANSACTION," "UNITED STATES" AND "U.S. PERSON" HAVE THE MEANING GIVEN TO THEM BY REGULATION S UNDER THE SECURITIES ACT."

- (B) Notwithstanding the foregoing, any Global Note or Definitive Note issued pursuant to subparagraph (b)(iv), (c)(iii), (d)(ii), (d)(iii), (e)(ii), (e)(iii) or (f) of this Section 2.6 (and all Notes issued in exchange therefore or substitution thereof) shall not bear the Private Placement Legend.
- (ii) Global Note Legend. Each Global Note shall bear a legend in substantially the following form:

"THIS GLOBAL NOTE IS HELD BY THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS NOTE) OR ITS NOMINEE IN CUSTODY FOR THE BENEFIT OF THE BENEFICIAL OWNERS HEREOF, AND IS NOT TRANSFERABLE TO ANY PERSON UNDER ANY CIRCUMSTANCES EXCEPT THAT (I) THE TRUSTEE MAY MAKE SUCH NOTATIONS HEREON AS MAY BE REQUIRED PURSUANT TO ARTICLE 2 OF THE INDENTURE, (II) THIS GLOBAL NOTE MAY BE EXCHANGED IN WHOLE BUT NOT IN PART PURSUANT TO SECTION 2.6(a) OF THE INDENTURE, (III) THIS GLOBAL NOTE MAY BE DELIVERED TO THE TRUSTEE FOR CANCELLATION PURSUANT TO SECTION 2.11 OF THE INDENTURE AND (IV) THIS GLOBAL NOTE MAY BE TRANSFERRED TO A SUCCESSOR DEPOSITARY WITH THE PRIOR WRITTEN CONSENT OF THE COMPANY."

Additionally, for so long as DTC is the Depositary with respect to the Global Note, such Global Note shall also bear a legend in substantially the following form:

"UNLESS THIS NOTE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY (AS DEFINED IN THE INDENTURE GOVERNING THIS NOTE), 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 IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY), 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."

(iii) Regulation S Temporary Global Note Legend. The Regulation S Temporary Global Note shall bear a legend in substantially the following form:

"THE RIGHTS ATTACHING TO THIS REGULATION S TEMPORARY GLOBAL NOTE, AND THE CONDITIONS AND PROCEDURES GOVERNING ITS EXCHANGE FOR CERTIFICATED NOTES, ARE AS SPECIFIED IN THE INDENTURE (AS DEFINED HEREIN). NEITHER THE HOLDER NOR THE BENEFICIAL OWNERS OF THIS REGULATION S TEMPORARY GLOBAL NOTE SHALL BE ENTITLED TO RECEIVE PAYMENT OF INTEREST HEREON."

(h) Cancellation and/or Adjustment of Global Notes. At such time as all beneficial interests in a particular Global Note have been exchanged for Definitive Notes or a particular Global Note has been redeemed, repurchased or canceled in whole and not in part, each such Global Note shall be returned to or retained and canceled by the Trustee in accordance with

Section 2.11 hereof. At any time prior to such cancellation, if any beneficial interest in a Global Note is exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note or for Definitive Notes, the principal amount of Notes represented by such Global Note shall be reduced accordingly and an endorsement shall be made on such Global Note, by the Trustee, the Note Custodian or the Depository at the direction of the Trustee, to reflect such reduction; and if the beneficial interest is being exchanged for or transferred to a Person who will take delivery thereof in the form of a beneficial interest in another Global Note, such other Global Note shall be increased accordingly and an endorsement shall be made on such Global Note, by the Trustee, the Note Custodian or by the Depository at the direction of the Trustee, to reflect such increase.

(i) General Provisions Relating to Transfers and Exchanges.

- (i) To permit registrations of transfers and exchanges in accordance with the other provisions of this Indenture, the Company shall execute and the Trustee shall authenticate Global Notes and Definitive Notes upon the Company's order or at the Registrar's request.
- (ii) No service charge shall be made to a holder of a beneficial interest in a Global Note or to a Holder of a Definitive Note for any registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any transfer tax or similar governmental charge payable in connection therewith (other than any such transfer taxes or similar governmental charge payable upon exchange or transfer pursuant to Sections 2.10, 3.7 and 9.5 hereof).
- (iii) The Registrar shall not be required to register the transfer or exchange of any Note selected for redemption in whole or in part, except the unredeemed portion of any Note being redeemed in part.
- (iv) All Global Notes and Definitive Notes issued upon any registration of transfer or exchange of Global Notes or Definitive Notes shall be the valid obligations of the Company, evidencing the same debt, and entitled to the same benefits under this Indenture, as the Global Notes or Definitive Notes surrendered upon such registration of transfer or exchange.
- (v) The Company shall not be required (A) to issue, to register the transfer of or to exchange Notes during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of Notes for redemption under Section 3.3 hereof and ending at the close of business on the day of such mailing, (B) to register the transfer of or to exchange any Note so selected for redemption in whole or in part, except the unredeemed portion of any Note being redeemed in part or (C) to register the transfer of or to exchange a Note between a record date and the next succeeding Interest Payment Date.

- (vi) Prior to due presentment for the registration of a transfer of any Note, the Trustee, any Agent and the Company may deem and treat the Person in whose name any Note is registered as the absolute owner of such Note for the purpose of receiving payment of principal of and interest on such Notes and for all other purposes, and none of the Trustee, any Agent or the Company shall be affected by notice to the contrary.
- (vii) The Trustee shall authenticate Global Notes and Definitive Notes in accordance with the provisions of Section 2.2 hereof.
- (viii) All certifications, certificates and Opinions of Counsel required to be submitted to the Registrar pursuant to this Section 2.6 to effect a transfer or exchange may be submitted by facsimile.
- (ix) Each Holder of a Note agrees to indemnify the Company and the Trustee against any liability that may result from the transfer, exchange or assignment of such Holder's Note in violation of any provision of this Indenture and/or applicable United States federal or state securities law.
- (x) The Trustee shall have no obligation or duty to monitor, determine or inquire as to compliance with any restrictions on transfer imposed under this Indenture or under applicable law with respect to any transfer of any interest in any Note (including any transfers between or among Depository participants or beneficial owners of interests in any Global Note) other than to require delivery of such certificates and other documentation or evidence as are expressly required by, and to do so if and when expressly required by the terms of, this Indenture, and to examine the same to determine substantial compliance as to form with the express requirements hereof.

Section 2.7 REPLACEMENT NOTES

If any mutilated Note is surrendered to the Trustee or the Company and the Trustee receives evidence to their satisfaction of the destruction, loss or theft of any Note, the Company shall issue and the Trustee, upon the written order of the Company signed by two Officers of the Company, shall authenticate a replacement Note if the Trustee's requirements are met. An indemnity bond must be supplied by the Holder that is sufficient in the judgment of the Trustee and the Company to protect the Company, the Trustee, any Agent and any authenticating agent from any loss that any of them may suffer if a Note is replaced. The Company may charge for its expenses in replacing a Note.

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

Section 2.8 OUTSTANDING NOTES

The Notes outstanding at any time are all the Notes authenticated by the Trustee except for those canceled by it, those delivered to it for cancellation, those reductions in the interest in a Global Note effected by the Trustee in accordance with the provisions hereof, and those described in this Section as not outstanding. Except as set forth in Section 2.9 hereof, a Note does not cease to be outstanding because the Company or an Affiliate of the Company holds the Note.

If a Note is replaced pursuant to Section 2.7 hereof, it ceases to be outstanding unless the Trustee receives proof satisfactory to it that the replaced Note is held by a bona fide purchaser.

If the principal amount of any Note is considered paid under Section 4.1 hereof, it ceases to be outstanding and interest on it ceases to accrue. If the Paying Agent (other than the Company, a Subsidiary or an Affiliate of any thereof) holds, on a redemption date or maturity date, money sufficient to pay Notes payable on that date, then on and after that date such Notes shall be deemed to be no longer outstanding and shall cease to accrue interest.

Section 2.9 TREASURY NOTES

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

Section 2.10 TEMPORARY NOTES

Until Definitive Notes are ready for delivery, the Company may prepare and the Trustee shall authenticate temporary Notes upon a written order of the Company signed by two Officers of the Company. Temporary Notes shall be substantially in the form of Definitive Notes but may have variations that the Company considers appropriate for temporary Notes and as shall be reasonably acceptable to the Trustee. Without unreasonable delay, the Company shall prepare and the Trustee shall authenticate Definitive Notes in exchange for temporary Notes. Holders of temporary Notes shall be entitled to all of the benefits of this Indenture.

Section 2.11 CANCELLATION

The Company at any time may deliver Notes to the Trustee for cancellation. The Registrar and Paying Agent shall forward to the Trustee any Notes surrendered to them for registration of transfer, exchange or payment. The Trustee and no one else shall cancel all Notes surrendered for registration of transfer, exchange, payment, replacement or cancellation and shall return such canceled Notes to the Company. The Company may not issue new Notes to replace Notes that it has paid or that have been delivered to the Trustee for cancellation.

Section 2.12 DEFAULTED INTEREST

If the Company defaults in a payment of interest on the Notes, it shall pay the defaulted interest in any lawful manner plus, to the extent lawful, interest payable on the defaulted interest, to the Persons who are Holders on a subsequent special record date, in each case at the rate provided in the Notes and in Section 4.1 hereof. The Company shall promptly notify the Trustee in writing of the amount of defaulted interest proposed to be paid on each Note and the date of the proposed payment. The Company shall fix or cause to be fixed each such special record date and payment date, provided that no such special record date shall be less than 10 days prior to the related payment date for such defaulted interest. At least 15 days before the special record date, the Company (or, upon the written request of the Company, the Trustee in the name and at the expense of the Company) shall mail or cause to be mailed to Holders a notice that states the special record date, the related payment date and the amount of such interest to be paid.

Section 2.13 CUSIP NUMBERS

The Company in issuing the Notes 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 correctness of such numbers either as printed on the Notes or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Notes, and any such redemption shall not be affected by any defect in or omission of such numbers. The Company will promptly notify the Trustee of any change in the "CUSIP" numbers.

ARTICLE III
REDEMPTION

Section 3.1 REDEMPTION AT THE OPTION OF THE COMPANY.

The Notes are redeemable prior to the Stated Maturity of principal, at the option of the Company, at any time in whole or from time to time in part, upon the delivery of the notices provided in Sections 3.2 and 3.4 hereof, on any date prior to the Stated Maturity of principal selected by the Company (the "Redemption Date") at a price equal to 100% of the principal amount thereof plus accrued and unpaid interest, if any, to the Redemption Date (subject to the right of Holders on the relevant record date to receive interest due on an Interest Payment Date that is on or prior to the Redemption Date) plus the Make-Whole Premium, if any (the "Redemption Price"). In no event will the Redemption Price ever be less than 100% of the principal amount of the Notes plus accrued interest to the Redemption Date.

Section 3.2 NOTICE TO THE TRUSTEE

If the Company elects to redeem Notes pursuant to this Article III, it shall notify the Trustee of the Redemption Date and principal amount of the Notes to be redeemed. The Company shall so notify the Trustee at least 45 days before the Redemption Date (unless a shorter notice shall be satisfactory to the Trustee) by delivering to the Trustee an Officers' Certificate stating that such redemption will comply with the provisions of this Indenture and of the Notes.

Any such notice may be canceled at any time prior to the mailing of such notice of such redemption to any Holder and shall thereupon be void and of no effect.

Section 3.3 SELECTION OF NOTES TO BE REDEEMED

If less than all the Notes are to be redeemed, the particular Notes to be redeemed shall be selected not more than 60 days prior to the Redemption Date by the Trustee, from the outstanding Notes not previously called for redemption, pro rata, by lot or by such other method as the Trustee shall deem fair and appropriate and that may provide for the selection for redemption of portions (equal to the minimum authorized denomination for Notes or any integral multiple thereof) of the principal amount of Notes of a denomination larger than the minimum authorized denomination or of the principal amount of Global Notes.

The Trustee shall promptly notify the Company and the Registrar in writing of the Notes selected for redemption and, in the case of any Notes selected for partial redemption, the principal amount thereof to be redeemed.

For purposes of this Indenture, unless the context otherwise requires, all provisions relating to redemption of Notes shall relate, in the case of any of the Notes redeemed or to be redeemed only in part, to the portion of the principal amount thereof which has been or is to be redeemed.

Section 3.4 NOTICE OF REDEMPTION

Notice of redemption shall be given by first-class mail, postage prepaid, mailed not less than 30 nor more than 60 days prior to the Redemption Date, to each Holder of Notes to be redeemed, at the address of such Holder appearing in the register of Notes maintained by the Registrar.

All notices of redemption shall identify the Notes to be redeemed (including CUSIP numbers) and shall state:

- (1) the Redemption Date;
- (2) the Redemption Price (excluding the amount of any Make-Whole Premium, if any);
- (3) that, unless the Company defaults in making the redemption payment, interest on Notes called for redemption ceases to accrue on and after the Redemption Date, and the only remaining right of the Holders of such Securities is to receive payment of the Redemption Price upon surrender to the Paying Agent of the Notes redeemed;
- (4) if any Note is to be redeemed in part, the portion of the principal amount thereof to be redeemed and that on and after the Redemption Date, upon surrender for cancellation of such Note to the Paying Agent, a new Note or Notes in

the aggregate principal amount equal to the unredeemed portion thereof will be issued without charge to the Holder;

- (5) that Note called for redemption must be surrendered to the Paying Agent to collect the Redemption Price and the name and address of the Paying Agent; and
- (6) the CUSIP number, if any, relating to such Notes.

Notice of redemption of Notes to be redeemed at the election of the Company shall be given by the Company or, at the Company's written request delivered at least 15 days prior to the date of the mailing thereof (unless a shorter period shall be acceptable to the Trustee), by the Trustee in the name and at the expense of the Company.

Section 3.5 EFFECT OF NOTICE OF REDEMPTION

Once notice of redemption is mailed, Notes called for redemption become due and payable on the Redemption Date and at the Redemption Price. Upon surrender to the Paying Agent, such Notes called for redemption shall be paid at the Redemption Price, but interest installments whose maturity is on or prior to such Redemption Date will be payable on the day payment of such interest is due to the Holders of record at the close of business on the relevant record dates specified pursuant in Section 2.1 hereof and the Notes.

Section 3.6 DEPOSIT OF REDEMPTION PRICE

On or prior to 10:00 a.m., New York City time, on any Redemption Date, the Company shall deposit with the Trustee or the Paying Agent (or, if the Company is acting as its own Paying Agent, segregate and hold in trust as provided in Section 2.4) an amount of money in same day funds sufficient to pay the Redemption Price of, including (except if the Redemption Date shall be a date interest is due under the Notes) accrued and unpaid interest if any, on, the Notes or portions thereof which are to be redeemed on that date, other than Notes or portions thereof called for redemption on that date which have been delivered by the Company to the Trustee for cancellation.

If the Company complies with the preceding paragraph, then, unless the Company defaults in the payment of such Redemption Price, interest on the Notes to be redeemed will cease to accrue on and after the applicable Redemption Date, whether or not such Notes are presented for payment, and the Holders of such Notes shall have no further rights with respect to such Notes except for the right to receive the Redemption Price upon surrender of such Notes. If any Notes called for redemption shall not be so paid upon surrender thereof for redemption, the principal, premium, if any, and, to the extent lawful, accrued and unpaid interest thereon shall, until paid, bear interest from the Redemption Date at the rate applicable to such Notes.

Section 3.7 NOTES REDEEMED OR PURCHASED IN PART

Upon surrender to the Paying Agent of a Note to be redeemed in part, the Company shall execute and the Trustee shall authenticate and make available for delivery to the Holder of such Note without service charge a new Note or Notes, and 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 Note so surrendered that is not redeemed.

Section 3.8 PURCHASE OF NOTES

The Company and any Affiliate of the Company may at any time purchase or otherwise acquire Notes in the open market or by private agreement. Such acquisition shall not operate as or be deemed for any purpose to be a redemption of the indebtedness represented by such Notes. Any Notes purchased or acquired by the Company may be delivered to the Trustee and, upon such delivery, the indebtedness represented thereby shall be deemed to be satisfied. Section 2.9 shall apply to all Notes so delivered.

ARTICLE IV
COVENANTS

Section 4.1 PAYMENT OF NOTES

The Company shall pay or cause to be paid the principal of, premium, if any, and interest on, the Notes on the dates and in the manner provided in the Notes and this Indenture. Principal and interest, if any, shall be considered paid on the date due if the Paying Agent, if other than the Company or a Subsidiary thereof, holds as of 10:00 a.m. New York City Time on the due date money deposited by the Company in immediately available funds and designated for and sufficient to pay all principal, premium, if any, and interest then due. The interest rate applicable to the Initial Notes entitled to the benefit of the Registration Rights Agreement is subject to increase upon the occurrence of certain events as provided in the Registration Rights Agreement.

The Company shall pay interest on overdue principal at the rate borne on the Notes to the extent lawful; it shall pay on overdue installments of interest (without regard to any applicable grace period) at the same rate to the extent lawful.

Section 4.2 MAINTENANCE OF OFFICE OR AGENCY

The Company shall maintain in the Borough of Manhattan, the City of New York, an office or agency (which may be an office of the Trustee or an affiliate of the Trustee, Registrar or co-registrar) where Notes may be surrendered for registration of transfer or for exchange and where notices and demands to or upon the Company in respect of the Notes and this Indenture may be served. The Company shall 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 Corporate Trust Office of the Trustee.

The Company may also from time to time designate one or more other offices or agencies where the Notes may be presented or surrendered for any or all such purposes and may from time to time rescind such designations; provided, however, that no such designation or rescission 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 shall give

prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

The Company hereby designates the office of the Trustee at 101 Barclay Street, Floor 21 West, New York, New York 10286, as one such office or agency of the Company in accordance with Section 2.3 hereof.

Section 4.3 STATEMENT BY OFFICERS AS TO DEFAULT

The Company will deliver to the Trustee, within 120 days after the end of each fiscal year of the Company ending after the date hereof, an Officers' Certificate, stating whether or not to the knowledge of the signers thereof a Default or Event of Default has occurred during that fiscal year, specifying all such Defaults or Events of Defaults (as applicable) and the nature and status thereof.

The Company shall deliver to the Trustee, as soon as possible and in any event within five days after the Company becomes aware of the occurrence of any Event of Default or Default, an Officers' Certificate setting forth the details of such Event of Default or Default and the action which the Company proposes to take with respect thereto.

Section 4.4 CORPORATE EXISTENCE

Subject to Article 5, the Company shall do or cause to be done all things necessary to preserve and keep in full force and effect (i) its corporate existence, and the corporate, partnership or other existence of each of its Restricted Subsidiaries, in accordance with the respective organizational documents (as the same may be amended from time to time) of the Company or any such Restricted Subsidiary and (ii) the rights (charter and statutory), licenses and franchises of the Company and its Restricted Subsidiaries; provided, however, that the Company shall not be required to preserve any such right, license or franchise, or the corporate, partnership or other existence of any of its Restricted Subsidiaries, if the Board of Directors shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company and its Restricted Subsidiaries, taken as a whole, and that the loss thereof is not adverse in any material respect to the Holders of the Notes.

Section 4.5 SEC REPORTS; FINANCIAL STATEMENTS

(a) The Company shall file with the Trustee, within 15 days after it files the same with the SEC, copies of the annual reports and the information, documents and other reports (or copies of such portions of any of the foregoing) as the SEC may by rules and regulations prescribe that the Company is required to file with the SEC pursuant to Section 13 or 15(d) of the Exchange Act. The Company shall also comply with the provisions of TIA Section 314(a).

(b) If the Company is not subject to the requirements of Section 13 or 15(d) of the Exchange Act, the Company shall furnish to all Holders of the Rule 144A Global Note or Holders that qualify as QIB's who have elected to take physical delivery of a Restricted Definitive Note, and prospective purchasers who are acquiring a Restricted Definitive Note or a beneficial interest in the Rule 144A Global Note as a QIB in accordance with Rule 144A,

promptly upon their request, the information required to be delivered pursuant to clause (d)(4) of Rule 144A.

(c) Delivery of such reports, information and documents to the Trustee under this Section 4.5 is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Company's compliance with any of its covenants under this Article IV (as to which the Trustee is entitled to rely exclusively on Officers' Certificates).

Section 4.6 LIMITATION ON LIENS

So long as any of the Notes are outstanding, the Company shall not at any time create, incur, issue, assume or guarantee, and shall not cause, suffer or permit a Restricted Subsidiary to create, incur, issue, assume or guarantee, any Secured Debt without making effective provision (and the Company covenants that in such case it will make or cause to be made such effective provision) whereby the Notes then outstanding and any other indebtedness of or guaranteed by the Company or any Restricted Subsidiary then entitled thereto, subject to applicable priorities of payment, shall be secured, by a Lien equally and ratably with any and all other obligations and indebtedness thereby secured, so long as such other obligations and indebtedness shall be so secured; provided, that if any such Lien securing such Secured Debt ceases to exist, such equal and ratable security for the benefit of the Holders of Notes shall automatically cease to exist without any further action; provided, further, that if such Secured Debt is expressly subordinated to the Notes, the Lien securing such subordinated Secured Debt shall be subordinate and junior to the Lien securing the Notes with the same relative priority as such Secured Debt shall have with respect to the Notes; and provided further, that the foregoing covenants shall not be applicable to the Secured Debt that is secured by Permitted Liens.

Notwithstanding the foregoing provisions of this Section 4.6, the Company and its Restricted Subsidiaries may, without equally and ratably securing the Notes, create, incur, issue, assume or guarantee Secured Debt not otherwise permitted or excepted if the sum of (a) the amount of such Secured Debt plus (b) the aggregate value of Sale and Leaseback Transactions (excluding Sale and Leaseback Transactions identified in (a) through (d) of Section 4.7), does not exceed 10% of Consolidated Net Tangible Assets (as shown in the quarterly consolidated balance sheet of the Company most recently published prior to the date of creation, incurrence, issuance, assumption or guarantee).

Section 4.7 LIMITATION ON SALE AND LEASEBACK TRANSACTIONS

The Company will not, nor will it permit any of its Restricted Subsidiaries to, engage in a Sale and Leaseback Transaction, unless: (a) such Sale and Leaseback Transaction occurs within one year from the date of completion of the acquisition of the Principal Property subject thereto or the date of the completion of construction, development or substantial repair or improvements, or commencement of full operations, on such Principal Property, whichever is later, (b) the Sale and Leaseback Transaction involves a lease for a period, including renewals, of not more than three years, (c) the Company or such Restricted Subsidiary would be entitled to incur Secured Debt secured by a Lien on the Principal Property subject thereto in a principal amount equal to or

exceeding the net sale proceeds from such Sale and Leaseback Transaction without equally and ratably securing the Notes pursuant to Section 4.6, or (d) the Company or such Restricted Subsidiary, within a one-year period after the Sale and Leaseback Transaction, applies or causes to be applied an amount not less than the net sale proceeds from such Sale and Leaseback Transaction to (i) the redemption of the Notes or the prepayment, repayment, reduction or retirement of any indebtedness of the Company that ranks pari passu with the Notes or (ii) the expenditure or expenditures for Principal Property used or to be used in the ordinary course of business of the Company or any of its Restricted Subsidiaries.

Notwithstanding the foregoing, the Company may, and may permit each of its Restricted Subsidiaries, to, effect any Sale and Leaseback Transaction that is not excepted by clauses (a) through (d) (inclusive) of the above paragraph, provided that, after giving effect thereto and the application of proceeds, if any, received by the Company or any its Restricted Subsidiaries as a result thereof, the net sale proceeds from such Sale and Leaseback Transaction, together with the aggregate principal amount of all Secured Debt then outstanding (other than the Notes) secured by Liens upon Principal Property (which are not Permitted Liens) would not exceed 10% of the Consolidated Net Tangible Assets (as shown in the quarterly consolidated balance sheet of the Company most recently published prior to the date the Sale and Leaseback Transaction is effected).

ARTICLE V SUCCESSORS

Section 5.1 CONSOLIDATION, MERGER, OR SALE OF ASSETS

The Company may (a) consolidate with or merge into, or (b) sell, convey, transfer, lease or otherwise dispose of its properties and assets substantially as an entirety to, any Person, provided that (i) in the case of any such consolidation or merger, the Company is the continuing entity or, if the Company is not the continuing entity, the continuing entity (or, in the case of such a sale, conveyance, transfer, lease or other disposition of the Company's properties and assets substantially as an entirety, the Person to which such sale, conveyance, transfer, lease or other disposition is made) is a Person organized and validly existing under the laws of the United States, any political subdivision thereof or any State thereof and assumes by supplemental indenture all of the Company's obligations on the Notes and under the Indenture, and (ii) after giving effect to the transaction no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, shall exist. Upon a disposition of assets described in clause (b) of the preceding sentence, the Company will be released from any further liability under the Notes and the Indenture.

Section 5.2 SUCCESSOR CORPORATION SUBSTITUTED

Upon any consolidation or merger, transfer or lease of its properties and assets substantially as an entirety in accordance with Section 5.1 hereof, the successor corporation formed by such consolidation with, or into which the Company is merged or to which such conveyance, transfer or lease of its properties and assets is made shall succeed to, and be substituted for (so that from and after the date of such consolidation or merger, or conveyance transfer or lease of its property and assets substantially as an entirety, the provisions of this

Indenture referring to the "Company" shall refer instead to the successor corporation and not to the Company), and may exercise every right and power of the Company under this Indenture with the same effect as if such successor Person had been named as the Company herein.

ARTICLE VI
DEFAULTS AND REMEDIES

Section 6.1 EVENTS OF DEFAULT

An "Event of Default" occurs hereunder with respect to the Notes if:

(a) the Company defaults in the payment when due of principal of or Make-Whole Premium, if any, on, the Notes;

(b) the Company defaults in payment when due of interest on the Notes and such default continues for a period of 30 days;

(c) the Company or any of its Restricted Subsidiaries fails to observe or perform any covenant of the Company (other than the covenants described in clauses (a) or (b) above) in the Notes or this Indenture for 60 days after notice to the Company by the Trustee or the Holders of at least 25% in aggregate principal amount of the Notes then outstanding;

(d) indebtedness of the Company or any Subsidiary is not paid when due within the applicable grace period, if any, or is accelerated by the holders thereof and, in either case, the principal amount of such unpaid or accelerated indebtedness exceeds \$20 million;

(e) the Company or any of its Significant Subsidiaries or any group of Subsidiaries that, when taken together, would constitute a Significant Subsidiary:

- (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 the Bankruptcy Code that:

- (i) is for relief against the Company or any of its Significant Subsidiaries or any group of Subsidiaries that, when taken together, would constitute a Significant Subsidiary, in an involuntary case;
- (ii) appoints a Custodian of the Company or any of its Significant Subsidiaries or any group of Subsidiaries that, when taken together, would constitute a Significant Subsidiary, or for all or substantially all of the property of the

Company or any group of Subsidiaries that, when taken together, would constitute a Significant Subsidiary;
or

- (iii) orders the liquidation of the Company or any of its Significant Subsidiaries or any group of Subsidiaries that, when taken together, would constitute a Significant Subsidiary;

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

Section 6.2 ACCELERATION

If any Event of Default (other than an Event of Default specified in clauses (e) or (f) of Section 6.1) shall occur and be continuing, either the Trustee or the Holders of at least 25% of the then outstanding Notes by notice to the Company may declare the principal amount of the Notes to be due and payable immediately. If an Event of Default specified in clauses (e) or (f) of Section 6.1 shall occur, the principal amount of all the then outstanding Notes will automatically, and without any action by the Trustee or any Holder, become immediately due and payable. After any acceleration, but before a judgment or decree for the payment of the money due has been obtained by the Trustee, the Holders of a majority in aggregate principal amount of the then outstanding Notes, by written notice to the Trustee, may rescind and annul such acceleration and its consequences if all Events of Default, other than the non-payment of accelerated principal, have been cured or waived pursuant to the terms of this Indenture.

Section 6.3 OTHER REMEDIES

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

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

Section 6.4 WAIVER OF PAST DEFAULTS

The Holders of a majority in aggregate principal amount of the outstanding Notes may on behalf of the Holders of all of the Notes waive any past Default or Event of Default hereunder and its consequences, except a Default:

- (a) in the payment of the principal of or any premium or interest on any Note, or

- (b) in respect of any other covenant or provision hereof which, under Section 9.2 hereof, cannot be modified or amended without the consent of the Holder of each outstanding Note.

Upon any such waiver, such Default or Event of Default shall cease to exist and shall be deemed to have been cured, for every purpose of this Indenture; but no such waiver shall extend to any subsequent or other Default or Event of Default or impair any right consequent thereon.

Section 6.5 CONTROL BY MAJORITY

Subject to Section 7.2(f) hereof, Holders of a majority in principal amount of the then outstanding Notes (together as a single class) may direct the time, method and place of conducting any proceeding for exercising any remedy available to the Trustee or exercising any trust or power conferred on the Trustee.

Section 6.6 LIMITATION ON SUITS

A Holder of a Note may institute any proceeding with respect to this Indenture, or for the appointment of a receiver or a trustee, or for any other remedy thereunder with respect to this Indenture or the Note only if:

- (a) the Holder of a Note has previously given to the Trustee written notice of a continuing Event of Default;
- (b) the Holders of at least 25% in aggregate principal amount of the Notes make a written request to the Trustee to institute a proceeding or pursue a remedy as Trustee;
- (c) such Holder of a Note or Holders of Notes offer and, if requested, provide to the Trustee indemnity satisfactory to the Trustee against any loss, liability or expense to be incurred in compliance with such request;
- (d) the Trustee does not comply with the request within 60 days after receipt of the request and the offer and, if requested, the provision of indemnity; and
- (e) during such 60-day period the Holders of a majority in principal amount of the Notes do not give the Trustee a direction inconsistent with the request.

A Holder of a Note may not use this Indenture to prejudice the rights of another Holder of a Note or to obtain a preference or priority over another Holder of a Note or to enforce any right under this Indenture, except in the manner herein provided and for the equal and ratable benefit of all of such Holders.

Section 6.7 RIGHTS OF HOLDERS OF NOTES TO RECEIVE PAYMENT AND INSTITUTE PROCEEDINGS.

Notwithstanding any other provision of this Indenture, the right of any Holder of a Note to receive payment of principal of, and premium, if any, and interest on, the Note on or after the respective due dates expressed in the Note, or to bring suit for the enforcement of any such payment on or after such respective dates, shall not be impaired, affected or limited in any way (including by any limitation set forth in Section 6.6 hereof) without the consent of the Holder of each Note affected thereby.

Section 6.8 COLLECTION SUIT BY TRUSTEE

If an Event of Default specified in Section 6.1(a) or (b) hereof occurs and is continuing, the Trustee is authorized to recover judgment in its own name and as trustee of an express trust against the Company for the whole amount of principal of, and premium, if any, and interest remaining unpaid on, the Notes and interest on overdue principal and, to the extent lawful, interest and such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

Section 6.9 TRUSTEE MAY FILE PROOFS OF CLAIM

The Trustee is authorized to file such proofs of claim and other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and the Holders of the Notes allowed in any judicial proceedings relative to the Company (or any other obligor upon the Notes), its creditors or its property and shall be entitled and empowered to collect, receive and distribute any money or other property payable or deliverable on any such claims and any custodian in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee, and in the event that the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due to it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.7 hereof. To the extent that the payment of any such compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 7.7 hereof out of the estate in any such proceeding, shall be denied for any reason, payment of the same shall be secured by a Lien on, and shall be paid out of, any and all distributions, dividends, money, securities and other properties that the Holders may be entitled to receive in such proceeding whether in liquidation or under any plan of reorganization or arrangement or otherwise. Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, arrangement, adjustment or composition affecting any Notes or the rights of any Holder, or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding.

Section 6.10 PRIORITIES

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

First: to the Trustee, its agents and attorneys for amounts due under Section 7.7 hereof, including payment of all compensation, expense, and liabilities incurred, and all advances made, by the Trustee and the costs and expenses of collection;

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

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

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

Section 6.11 UNDERTAKING FOR COSTS

In any suit for the enforcement of any right or remedy under this Indenture or in any suit against the Trustee for any action taken or omitted by it as a Trustee, a court in its discretion may require the filing by any party litigant in the suit of an undertaking to pay the cost of the suit, and the court in its discretion may assess reasonable costs, including reasonable attorneys' fees and expenses, against any party litigant in the suit, having due regard to the merits and good faith of the claims or defenses made by the party litigant. This Section does not apply to a suit by the Trustee, a suit by a Holder of a Note pursuant to Section 6.7 hereof, or a suit by Holders of more than 10% in principal amount of the then outstanding Notes.

ARTICLE VII
TRUSTEE

Section 7.1 DUTIES OF TRUSTEE

(a) If an Event of Default has occurred and is continuing, 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 its exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

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

(i) The Trustee need perform only those duties that are specifically set forth in this Indenture and the TIA and no others, and no implied covenants or obligations shall be read into this Indenture against the Trustee. To the extent of any conflict between the duties of the Trustee hereunder and under the TIA, the TIA shall control.

(ii) In the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture. However, 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 examine the certificates and opinions to determine whether or not they conform to the requirements of this Indenture (but need not confirm or investigate the accuracy of mathematical calculations or other facts stated therein).

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

- (i) this paragraph does not limit the effect of paragraph (b) of this Section;
- (ii) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it is proved that the Trustee was negligent in ascertaining the pertinent facts; and
- (iii) the Trustee shall not be liable with respect to any action it takes or omits to take in good faith in accordance with a direction received by it pursuant to Section 6.5 hereof.

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

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

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

Section 7.2 RIGHTS OF TRUSTEE

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

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

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

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

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

(f) Subject to Section 7.1(b) hereof, the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders unless such Holders shall have offered to the Trustee security or indemnity satisfactory to the Trustee against the costs, expenses and liabilities (including fees and expenses of its agents and counsel) that might be incurred by it in compliance with such request or direction.

(g) The Trustee, in its individual or other capacity, may make loans to, accept deposits from, and perform services for, the Company or its Affiliates, and may otherwise deal with the Company or its Affiliates, as if it were not the Trustee, including, without limitation, as a lender under the Company's Senior Credit Facility;

(h) The Trustee shall not be deemed to have notice of any Default or Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact such a default is received by the Trustee at the Corporate Trust Office of the Trustee, and such notice references the Notes and this Indenture.

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

Section 7.3 INDIVIDUAL RIGHTS OF TRUSTEE

The Trustee, any Paying Agent, any authenticating agent or registrar in its individual or any other capacity may become the owner or pledgee of Notes and may otherwise deal with the Company or any Affiliate of the Company with the same rights it would have if it were not Trustee. However, in the event that the Trustee acquires any conflicting interest it must eliminate such conflict within 90 days, apply to the SEC for permission to continue as trustee or resign. Any Agent may do the same with like rights and duties. The Trustee is also subject to Sections 7.10 and 7.11 hereof.

Section 7.4 TRUSTEE'S DISCLAIMER

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

Section 7.5 NOTICE OF DEFAULTS

If a Default or Event of Default occurs and is continuing and if it is actually known to a Responsible Officer of the Trustee, the Trustee shall mail to Holders of Notes a notice of the Default or Event of Default within 90 days after it occurs. Except in the case of a Default or Event of Default in payment of principal of, or interest or premium, if any, on any Note, the

Trustee may withhold the notice if and so long as a committee of its Responsible Officers in good faith determines that withholding the notice is in the interests of the Holders of the Notes.

Section 7.6 REPORTS BY TRUSTEE TO HOLDERS OF THE NOTES

Within 60 days after each May 15 beginning with the May 15 next following the date of this Indenture, and for so long as the Notes remain outstanding, the Trustee shall mail to the Holders of the Notes a brief report dated as of such reporting date that complies with TIA Section 313(a) (but 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)(2). The Trustee shall also transmit by mail all reports as required by TIA Section 313(c). A copy of each report at the time of its mailing to the Holders of Notes shall be mailed to the Company and filed with the SEC and each stock exchange on which Notes are listed in accordance with TIA Section 313(d). The Company shall promptly notify the Trustee when the Notes are listed on any stock exchange or delisted therefrom.

Section 7.7 COMPENSATION AND INDEMNITY

The Company shall pay to the Trustee from time to time such compensation for its acceptance of this Indenture and services hereunder as the parties shall agree from time to time. The Trustee's compensation shall not be limited by any law on compensation of a trustee of an express trust. The Company shall reimburse the Trustee promptly upon request for all reasonable disbursements, advances and expenses incurred or made by it in addition to the compensation for its services. Such expenses shall include the reasonable compensation, disbursements and expenses of the Trustee's agents and counsel.

The Company shall indemnify the Trustee against any and all losses, liabilities, claims, damages or expenses incurred by it arising out of or in connection with the acceptance or administration of its duties under this Indenture, including the costs and expenses of enforcing this Indenture against the Company (including this Section 7.7) and defending itself against any claim (whether asserted by the Company or any Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, except to the extent any such loss, liability, claim, damage or expense may be attributable to its negligence or bad faith. The Trustee shall notify the Company promptly of any claim for which it may seek indemnity. Failure by the Trustee to so notify the Company shall not relieve the Company of its obligations hereunder. The Company shall defend the claim and the Trustee shall cooperate in the defense. The Trustee may have separate counsel and the Company shall pay the reasonable fees and expenses of such counsel. The Company need not pay for any settlement made without its consent, which consent shall not be unreasonably withheld.

The obligations of the Company under this Section 7.7 shall survive the satisfaction and discharge of this Indenture. To secure the Company's payment obligations in this Section, the Trustee shall have a Lien prior to any of the Notes on all money or property held or collected by the Trustee, except that held in trust to pay principal and interest on particular Notes. Such Lien shall survive the satisfaction and discharge of this Indenture.

When the Trustee incurs expenses or renders services after an Event of Default specified in Section 6.1(e) or (f) hereof occurs, the expenses and the compensation for the services (including the fees and expenses of its agents and counsel) are intended to constitute expenses of administration under the Bankruptcy Code.

The Trustee shall comply with the provisions of TIA Section 313(b)(2) to the extent applicable.

Section 7.8 REPLACEMENT OF TRUSTEE

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

The Trustee may resign in writing at any time and be discharged from the trust hereby created by so notifying the Company. The Holders of a majority in principal amount of the then outstanding Notes may remove the Trustee by so notifying the Trustee and the Company in writing.

The Company may remove the Trustee if:

- (a) the Trustee fails to comply with Section 7.10 hereof;
- (b) the Trustee is adjudged a bankrupt or an insolvent or an order for relief is entered with respect to the Trustee under the Bankruptcy Code;
- (c) a custodian or public officer takes charge of the Trustee or its property; or
- (d) the Trustee becomes incapable of acting.

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

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

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

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 the Notes. The retiring Trustee shall promptly transfer all property held by it as Trustee to the successor Trustee, provided all sums owing to the Trustee hereunder have been paid and subject to the Lien provided for in Section 7.7 hereof. Notwithstanding replacement of the Trustee pursuant to this Section 7.8, the Company's obligations under Section 7.7 hereof shall continue for the benefit of the retiring Trustee.

Section 7.9 SUCCESSOR TRUSTEE BY MERGER, ETC.

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

Section 7.10 ELIGIBILITY; DISQUALIFICATION

There shall at all times be a Trustee hereunder that is a corporation organized and doing business under the laws of the United States of America or of any state thereof that is authorized under such laws to exercise corporate trustee power, that is subject to supervision or examination by federal or state authorities and that has, or is the subsidiary of a bank holding company that has, a combined capital and surplus of at least \$50,000,000 as set forth in its most recent published annual report of condition. This Indenture shall always have a Trustee who satisfies the requirements of TIA Section 310(a)(1), (2) and (5). The Trustee is subject to TIA Section 310(b).

Section 7.11 PREFERENTIAL COLLECTION OF CLAIMS AGAINST COMPANY

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

ARTICLE VIII
SATISFACTION AND DISCHARGE; DEFEASANCE

Section 8.1 SATISFACTION AND DISCHARGE OF INDENTURE

This Indenture shall upon delivery of a written request of an Officer of the Company to the Trustee cease to be of further effect with respect to the Notes (except as to any surviving rights of registration of transfer or exchange of Notes herein expressly provided for), and the Trustee, at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture with respect to the Notes, when

- (a) either
 - (i) all such Notes theretofore authenticated and delivered (other than (1) such Notes which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 2.7 and (2) such Notes for whose payment money or Government Securities have theretofore been deposited

in trust or segregated and held in trust by the Company and thereafter repaid to the Company or discharged from such trust, as provided in Section 8.9) have been delivered to the Trustee for cancellation; or

- (ii) all such Securities not theretofore delivered to the Trustee for cancellation
 - (A) have become due and payable, or
 - (B) will become due and payable at their final Stated Maturity within one year,

and the Company, in the case of (A) or (B) above, has deposited or caused to be deposited with the Trustee as trust funds in trust for the purpose an amount of money or Government Securities sufficient to pay and discharge the entire indebtedness on such Notes not theretofore delivered to the Trustee for cancellation, for principal and any premium and interest to the date of such deposit (in the case of such Notes which have become due and payable) or to the Stated Maturity of the principal of the Notes;

(b) the Company has paid or caused to be paid all other sums payable hereunder by the Company with respect to such Notes; and

(c) the Company has delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Indenture with respect to such Notes have been complied with.

Notwithstanding the satisfaction and discharge of this Indenture with respect to the Notes, the obligations of the Company to the Trustee under Section 7.7 hereof, and, if money or Government Securities shall have been deposited with the Trustee pursuant to subclause (ii) of clause (b) of this Section, the obligations of the Company or Trustee under Section 8.2 hereof and Section 8.9 shall survive.

Section 8.2 APPLICATION OF TRUST MONEY

Subject to the provisions of Section 8.9, all money and Government Securities deposited with the Trustee pursuant to Section 8.1 hereof shall be held in trust and applied by it, in accordance with the provisions of the Notes and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal and any premium and interest for whose payment such money or Government Securities has been deposited with the Trustee.

Section 8.3 OPTION TO EFFECT LEGAL DEFEASANCE OR COVENANT DEFEASANCE

The Company may, at the option of its Board of Directors evidenced by a resolution set forth in an Officers' Certificate, at any time, elect to have either Section 8.4 or 8.5 hereof be applied to all outstanding Notes, upon compliance with the conditions set forth in this Article VIII.

Section 8.4 DEFEASANCE AND DISCHARGE

In addition to discharge of the Indenture pursuant to Section 8.1 hereof, the Company shall be deemed to have paid and discharged the entire indebtedness on all the Notes on the date of the deposit referred to in clause (a) of Section 8.6 hereof, and the provisions of this Indenture with respect to the Notes shall no longer be in effect, (except as to (1) the rights of Holders of such Notes to receive, solely from the trust fund described in Section 8.6 hereof and as more fully set forth in such Section, payments in respect of the principal of and any premium and interest on such Notes when payments are due (other than by acceleration), (2) the Company's obligations with respect to such Notes under Sections 2.4, 2.6, 2.7, 2.10, 4.2 and 8.9 hereof, and (3) the rights, powers, trusts, obligations, duties and immunities of the Trustee hereunder), and the Trustee, at the expense of the Company, upon written request of an Officer of the Company, shall execute proper instruments acknowledging the same, if the applicable conditions set forth in Section 8.6 hereof are satisfied ("Defeasance"). For this purpose, such Defeasance means that the Company (and any other obligor of the Notes) shall be deemed to have paid and discharged the entire indebtedness represented by the Notes, which shall thereafter be deemed to be "Outstanding" only for the purposes of Section 8.7 hereof and the rights and obligations referred to in clauses (1) through (3) (inclusive) of this Section 8.4, and to have satisfied all its other obligations under such Notes and this Indenture insofar as such Notes are concerned. Subject to compliance with this Article, the Company may exercise its option (if any) to have this Section applied to any Notes notwithstanding the prior exercise of its option (if any) to have Section 8.5 hereof applied to such Notes.

Section 8.5 COVENANT DEFEASANCE

The Company shall be released on the date of the deposit referred to in clause (a) of Section 8.6 hereof from its obligations under Sections 4.6, 4.7 and 5.1 hereof, inclusive, on and after the date the applicable conditions set forth in Section 8.6 hereof are satisfied ("Covenant Defeasance"); and the occurrence of any event specified in clause (c) of Section 6.1 hereof (with respect to any of Sections 4.6, 4.7 and 5.1 hereof, inclusive), shall be deemed not to be or result in an Event of Default, in each case with respect to the Notes. For this purpose, such Covenant Defeasance means that, with respect to the Notes (i) the Company may omit to comply with and shall have no liability in respect of any term, condition or limitation set forth in any such specified Section, whether directly or indirectly by reason of any reference elsewhere herein to any such Section or by reason of any reference in any Section to any other provision herein or in any other document and such omission to comply shall not constitute a Default or Event of Default under Section 6.1 hereof, but, except as specified above, the remainder of this Indenture and such Notes shall be unaffected thereby, and (ii) such Notes shall thereafter be deemed to be not "Outstanding" for the purposes of any request, demand, authorization, direction, notice, waiver, consent or declaration or other action of Holders (and the consequences of any therefor) in connection with such specified covenants, but shall continue to be deemed Outstanding for all other purposes hereunder.

Section 8.6 CONDITIONS TO DEFEASANCE OR COVENANT DEFEASANCE

The following shall be the applicable conditions to the application of Section 8.4 or Section 8.5 hereof to any Notes, as the case may be:

(a) The Company shall irrevocably have deposited or caused to be deposited with the Trustee (or another trustee which satisfies the requirements contemplated by Section 7.10 hereof and agrees to comply with the provisions of this Article applicable to it) as trust funds in trust for the purpose of making the following payments, specifically pledged as security for, and dedicated solely to, the benefits of the Holders of such Notes, (A) money in an amount, or (B) Government Securities which through the scheduled payment of principal and interest in respect thereof in accordance with their terms will provide, not later than one day before the due date of any payment, money in an amount, or (C) a combination thereof, in each case sufficient, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certificate thereof delivered to the Trustee, to pay the principal of and any premium and interest on such Notes on the Stated Maturity of the principal of the Notes in accordance with the terms of this Indenture and such Notes.

(b) In order to have Section 8.4 hereof apply to any Notes, as the case may be, the Company shall have delivered to the Trustee an Opinion of Counsel stating that (A) the Company has received from, or there has been published by, the Internal Revenue Service a ruling or (B) since the date of this Indenture, there has been a change in the applicable federal income tax law, in either case (A) or (B) to the effect that, and based thereon such opinion shall confirm that, the Holders of such Notes will not recognize gain or loss for federal income tax purposes as a result of such deposit and Defeasance and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if such deposit and Defeasance had not occurred.

(c) In order to have Section 8.5 hereof apply to any Notes, as the case may be, the Company shall have delivered to the Trustee an Opinion of Counsel to the effect that the Holders of such Notes will not recognize gain or loss for federal income tax purposes as a result of such deposit and Covenant Defeasance and will be subject to federal income tax on the same amount, in the same manner and at the same times as would have been the case if such deposit and Covenant Defeasance had not occurred.

(d) No Default or Event of Default with respect to such Notes or any other Notes shall have occurred and be continuing at the time of such deposit or, with regard to any such event specified in clauses (e) or (f) of Section 6.1 hereof, at any time on or prior to the 90th day after the date of such deposit (it being understood that this condition shall not be deemed satisfied with respect to such specified events until after such 90th day).

(e) Such Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under, any material agreement or instrument (other than this Indenture) to which the Company or any of its Restricted Subsidiaries is a party or by which the Company or any of its Restricted Subsidiaries is bound.

(f) The Company shall have delivered to the Trustee an Opinion of Counsel to the effect that on the 91st day following the deposit, the trust funds will not be subject to avoidance under Section 547 of the Bankruptcy Code or any successor provision thereof.

(g) The Company shall have delivered to the Trustee an Officers' Certificate stating that the deposit was not made by the Company with the intent of preferring the Holders of Notes

over the other creditors of the Company with the intent of defeating, hindering, delaying or defrauding creditors of the Company or others.

(h) The Company shall have delivered to the Trustee an Officers' Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for or relating to Defeasance or the Covenant Defeasance have been complied with.

Section 8.7 DEPOSITED MONEY AND GOVERNMENT SECURITIES TO BE HELD IN TRUST; OTHER MISCELLANEOUS PROVISIONS

Subject to Section 8.8 hereof, all money and Government Securities (including the proceeds thereof) deposited with the Trustee or other qualifying trustee (solely for purposes of this Section and Section 8.9 hereof, the Trustee and any such other trustee are referred to collectively as the "Trustee") pursuant to Section 8.6 hereof in respect of any Notes shall be held in trust and applied by the Trustee, in accordance with the provisions of such Notes and this Indenture, to the payment, either directly or through any such Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Holders of such Notes for the payment or redemption of which such funds have been deposited with the Trustee, of all sums due and to become due thereon in respect of principal and any premiums and interest, but money so held in trust need not be segregated from other funds except to the extent required by law.

Anything in this Article to the contrary notwithstanding, the Trustee or the Paying Agent, as applicable, shall promptly return, deliver or pay to the Company from time to time upon Company request any money or Government Securities held by it as provided in Section 8.6 hereof with respect to any Notes which, at any time, are in excess of the amount thereof which would then be required to effect the Defeasance or Covenant Defeasance, as the case may be, with respect to such Securities. The provisions of Section 8.8 hereof shall apply to any money held by the Trustee or any Paying Agent under this Article that remains unclaimed for two years after the Stated Maturity of the Notes for which money or Government Securities have been deposited pursuant to Section 8.6 hereof.

The Company shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the Government Securities deposited pursuant to this Article or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of outstanding Notes.

Section 8.8 REPAYMENT TO COMPANY

Any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of, and premium and interest, if any, on, any Note and remaining unclaimed for two years after such principal, premium or interest has become due and payable shall be paid to the Company on its written request or (if then held by the Company) shall be discharged from such trust; and the Holder of such Note shall thereafter, as an unsecured creditor, look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, shall thereupon cease; provided, however, that the Trustee or such Paying

Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in the New York Times and The Wall Street Journal (national edition), notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 8.9 REINSTATEMENT

If the Trustee or Paying Agent is unable to apply any U.S. dollars or non-callable Government Securities in accordance with Section 8.4 or 8.5 hereof, as the case may be, by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Company's obligations under this Indenture and the Notes shall be revived and reinstated as though no deposit had occurred pursuant to Section 8.4 or 8.5 hereof until such time as the Trustee or Paying Agent is permitted to apply all such money in accordance with Section 8.4 or 8.5 hereof, as the case may be; provided, however, that, if the Company makes any payment of principal of, or premium, if any, or interest on, any Note following the reinstatement of its obligations, the Company shall be subrogated to the rights of the Holders of such Notes to receive such payment from the money held by the Trustee or Paying Agent.

ARTICLE IX
AMENDMENT, SUPPLEMENT AND WAIVER

Section 9.1 WITHOUT CONSENT OF HOLDERS OF NOTES

Notwithstanding Section 9.2 hereof, the Company and the Trustee may amend or supplement this Indenture or the Notes without the consent of Holders of the Notes:

(a) to cure any ambiguity, defect or inconsistency;

(b) to provide for uncertificated Notes in addition to or in place of certificated Notes or to alter the provisions of Article 2 hereof (including the related definitions) in a manner that does not materially adversely affect any Holder;

(c) to provide for the assumption of the Company's obligations to the Holders of any of the Notes in the case of a merger, consolidation or sale of assets of the Company pursuant to Article 5 hereof;

(d) to make any change that would provide any additional rights or benefits to the Holders of the Notes or that does not adversely affect the legal rights hereunder of any such Holder in any material respect;

(e) to comply with requirements of the SEC in order to effect or maintain the qualification of this Indenture under the TIA; or

(f) to allow any guarantor to guarantee the Notes.

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental Indenture, and upon receipt by the Trustee of the documents described in Section 9.6 hereof, the Trustee shall join with the Company in the execution of any amended or supplemental Indenture authorized or permitted by the terms of this Indenture and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to enter into such amended or supplemental Indenture that affects its own rights, duties, liabilities or immunities under this Indenture or otherwise.

Section 9.2 WITH CONSENT OF HOLDERS OF NOTES

Except as provided below in this Section 9.2, the Company and the Trustee may amend or supplement this Indenture and the Notes may be amended or supplemented with the consent of the Holders of a majority in principal amount of the Notes then outstanding (including, without limitation, consents obtained in connection with a tender offer or exchange offer for the Notes), and, subject to Sections 6.4 and 6.7 hereof, any existing Default or Event of Default (other than a Default or Event of Default in the payment of the principal of, or premium, if any, or interest on, the Notes, except a payment default resulting from an acceleration that has been rescinded) or compliance with any provision of this Indenture or the Notes may be waived with the consent of the Holders of a majority in principal amount of the then outstanding Notes (including consents obtained in connection with a tender offer or exchange offer for the Notes).

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental Indenture, and upon the filing with the Trustee of evidence satisfactory to the Trustee of the consent of the Holders of Notes as aforesaid, and upon receipt by a Responsible Officer of the Trustee of the documents described in Section 9.6 hereof, the Trustee shall join with the Company in the execution of such amended or supplemental Indenture. It shall not be necessary for the consent of the Holders of Notes under this Section 9.2 to approve the particular form of any proposed amendment or waiver, but it shall be sufficient if such consent approves the substance thereof.

After an amendment, supplement or waiver under this Section becomes effective, the Company shall mail to the Holders of Notes affected thereby a notice briefly describing the amendment, supplement or waiver. Any failure of the Company to mail such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such amended or supplemental Indenture or waiver. Subject to Sections 6.4 and 6.7 hereof, the Holders of a majority in aggregate principal amount of the Notes then outstanding may waive compliance in a particular instance by the Company with any provision of this Indenture or the Notes. However, without the consent of each Holder affected, an amendment or waiver may not (with respect to any Notes held by a nonconsenting Holder):

- (a) change the Stated Maturity of the principal of, or any installment of principal of or interest on, any such Note;
- (b) reduce the principal amount of, or any interest on, any such Note;

(c) reduce the amount of principal of any such Note payable upon acceleration of the Stated Maturity thereof;

(d) change the place or currency of payment of principal of, or interest on, any such Note;

(e) impair the right to institute suit for the enforcement of any payment on or with respect to any such Note;

(f) reduce the percentage in principal amount of such Notes, the consent of whose Holders is required for modification or amendment of the Indenture;

(g) reduce the percentage in principal amount of such Notes necessary for waiver of compliance with certain provisions of the Indenture or for waiver of certain defaults;

(h) modify such provisions with respect to modification and waiver;

(i) waive, reduce or modify a Make-Whole Premium payable with respect to any Note called for redemption; or

(j) make any change in Section 6.4 or 6.7 hereof or in the foregoing amendment and waiver provisions.

Section 9.3 COMPLIANCE WITH TRUST INDENTURE ACT

If this Indenture shall be qualified under the TIA, every amendment or supplement to this Indenture or the Notes shall be set forth in a amended or supplemental Indenture that complies with the TIA as then in effect.

Section 9.4 REVOCATION AND EFFECT OF CONSENTS

Until an amendment, supplement or waiver becomes effective, a consent to it by a Holder of a Note is a continuing consent by the Holder of a Note and every subsequent Holder of a Note or portion of a Note that evidences the same debt as the consenting Holder's Note, even if notation of the consent is not made on any Note. However, any such Holder of a Note or subsequent Holder of a Note may revoke the consent as to its Note if the Trustee receives written notice of revocation before the date the waiver, supplement or amendment becomes effective. An amendment, supplement or waiver becomes effective in accordance with its terms and thereafter binds every Holder.

Section 9.5 NOTATION ON OR EXCHANGE OF NOTES

The Trustee may place an appropriate notation about an amendment, supplement or waiver on any Note thereafter authenticated. The Company, in exchange for all Notes, may issue and the Trustee shall authenticate new Notes that reflect the amendment, supplement or waiver.

Failure to make the appropriate notation or issue a new Note shall not affect the validity and effect of such amendment, supplement or waiver.

Section 9.6 TRUSTEE TO SIGN AMENDMENTS, ETC

The Trustee shall sign any amended or supplemental Indenture authorized pursuant to this Article 9 if the amendment or supplement does not adversely affect the rights, duties, liabilities or immunities of the Trustee. The Trustee may, but shall not be obligated to, enter into any such supplemental Indenture which affects the Trustee's own rights, duties, liabilities or immunities under this Indenture or otherwise. The Company may not sign an amended or supplemental Indenture until the Board of Directors approves it. In executing any amended or supplemental indenture, the Trustee shall be entitled to receive and (subject to Section 7.1 hereof) shall be fully protected in relying upon, an Officers' Certificate and an Opinion of Counsel stating that the execution of such amended or supplemental Indenture is authorized or permitted by this Indenture.

Section 9.7 RECORD DATES

Except as otherwise provided in this Indenture or the Notes, the Company will be entitled to set any day as a record date for the purpose of determining the Holders of Notes entitled to give or take any direction, notice, consent, waiver or other action under the Indenture. Pursuant to Section 6.10, the Trustee also will be entitled to set a record date for certain payments to Holders of Notes. If a record date is set for any action to be taken by Holders of the Notes, such action may be taken only by persons who are Holders of the Notes on the record date. To be effective, such action must be taken by Holders of the requisite principal amount of the Notes within a specified period following the record date. For any particular record date, this period will be 180 days or such shorter period as may be specified by the Company (or the Trustee, if it sets the record date), and may be shortened or lengthened (but not beyond 180 days) from time to time.

ARTICLE X
MISCELLANEOUS

Section 10.1 TRUST INDENTURE ACT CONTROLS

If any provision of this Indenture limits, qualifies or conflicts with the duties imposed by TIA Section 318(c), the imposed duties shall control.

Section 10.2 NOTICES

Any notice or communication by the Company or the Trustee to the other is duly given if in writing and delivered in Person or mailed by first class mail (registered or certified, return receipt requested), telecopier or overnight air courier guaranteeing next day delivery, to the others' address:

If to the Company:

National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042
Telecopier No.: (713) 346-7995

Attention: Chief Financial Officer

If to the Trustee:

The Bank of New York
101 Barclay Street, Floor 21 West
New York, New York 10286
Attention: Corporate Trust Trustee Administration
Telecopier No.: 212-815-5915
Ref: National-Oilwell, Inc.

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

All notices and communications (other than those sent to Holders) shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; five Business Days after being deposited in the mail, postage prepaid, if mailed; when receipt acknowledged, if telecopied; and the next Business Day after timely delivery to the courier, if sent by overnight air courier guaranteeing next day delivery.

Any notice or communication to a Holder shall be mailed by first class mail, postage prepaid, or by overnight air courier guaranteeing next day delivery to its address shown on the register kept by the Registrar. Any notice or communication shall also be so mailed to any Person described in TIA Section 313(c), to the extent required by the TIA. Failure to mail a notice or communication to a Holder or any defect in it shall not affect its sufficiency with respect to other Holders. If a notice or communication is mailed in the manner provided above within the time prescribed, it is duly given, whether or not the addressee receives it.

If the Company mails a notice or communication to Holders, it shall mail a copy to the Trustee and each Agent at the same time.

Section 10.3 COMMUNICATION BY HOLDERS OF NOTES WITH OTHER HOLDERS OF NOTES

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

Section 10.4 CERTIFICATE AND OPINION AS TO CONDITIONS PRECEDENT

Upon any request or application by the Company to the Trustee to take any action under this Indenture, the Company shall furnish to the Trustee:

(a) an Officers' Certificate in form and substance reasonably satisfactory to the Trustee (which shall include the statements set forth in Section 10.5 hereof) stating that, in the opinion of the signers, all conditions precedent and covenants, if any, provided for in this Indenture relating to the proposed action have been satisfied; and

(b) an Opinion of Counsel in form and substance reasonably satisfactory to the Trustee (which shall include the statements set forth in Section 10.5 hereof) stating that, in the opinion of such counsel, all such conditions precedent and covenants have been satisfied.

Section 10.5 STATEMENTS REQUIRED IN CERTIFICATE OR OPINION

Each certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture (other than a certificate provided pursuant to TIA Section 314(a)(4)) shall comply with the provisions of TIA Section 314(e) and 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 or she 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 satisfied; and

(d) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been satisfied.

Section 10.6 RULES BY TRUSTEE AND AGENTS

The Trustee may make reasonable rules for action by or at a meeting of Holders. The Registrar or Paying Agent may make reasonable rules and set reasonable requirements for its functions.

Section 10.7 NO PERSONAL LIABILITY OF DIRECTORS, OFFICERS, EMPLOYEES AND STOCKHOLDERS

No past, present or future director, officer, employee, incorporator, partner, member or stockholder of the Company, or of any member, partner or stockholder of any such entity, as such, shall have any liability for any obligation of the Company under the Notes, this Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the Notes. Such waiver may not be effective to waive liabilities under the federal securities laws and it is the view of the SEC that such a waiver is against public policy.

Section 10.8 GOVERNING LAW

THE INTERNAL LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAWS PRINCIPLES THEREOF, SHALL GOVERN AND BE USED TO CONSTRUCT THIS INDENTURE AND THE NOTES.

Section 10.9 NO ADVERSE INTERPRETATION OF OTHER AGREEMENTS

This Indenture may not be used to interpret any other indenture, loan or debt agreement of the Company or its Subsidiaries or of any other Person. Any such indenture, loan or debt agreement may not be used to interpret this Indenture.

Section 10.10 SUCCESSORS

All agreements of the Company in this Indenture and the Notes shall bind its successors. All agreements of the Trustee in this Indenture shall bind its successors.

Section 10.11 SEVERABILITY

In case any provision in this Indenture or in the Notes 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 10.12 COUNTERPART ORIGINALS

The parties may sign any number of copies of this Indenture. Each signed copy shall be an original, but all of them together represent the same agreement.

Section 10.13 TABLE OF CONTENTS, HEADINGS, ETC.

The Table of Contents, Cross-Reference Table and Headings of the Articles and Sections of this Indenture have been inserted for convenience of reference only, are not to be considered a part of this Indenture and shall in no way modify or restrict any of the terms or provisions hereof.

[Signatures Page(s) Follow]

SIGNATURES

Dated as of November 22, 2002

COMPANY:

NATIONAL-OILWELL, INC.

By: _____

Name: _____

Title: _____

TRUSTEE:

THE BANK OF NEW YORK

By: _____

Name: _____

Title: _____

EXHIBIT A-1
(FACE OF NOTE)

[Insert the Global Note Legend, if applicable, pursuant to the provisions of the Indenture]

[Insert the Private Placement Legend, if applicable, pursuant to the provisions of the Indenture]

CUSIP: _____

5.65% SENIOR NOTES DUE 2012[, SERIES B]*

No. _____

\$ _____

NATIONAL-OILWELL, INC

promises to pay to _____ or registered assigns, the principal sum of _____ Dollars on November 15, 2012

Interest Payment Dates: May 15 and November 15

Record Dates: May 1 and November 1

NATIONAL-OILWELL, INC.

By: _____

Name: _____

Title: _____

This is one of the [Global] Notes referred to in the within-mentioned Indenture:

The Bank of New York as Trustee

By: _____
Authorized Signatory

Dated: _____

*This bracketed language should appear only in Exchange Notes

5.65% Senior Notes due 2012[, Series B]*

Capitalized terms used herein shall have the meanings assigned to them in the Indenture referred to below unless otherwise indicated.

1. INTEREST. National-Oilwell, Inc., a Delaware corporation (the "Company"), promises to pay interest on the principal amount of this Note at 5.65% per annum, from _____ until maturity [and shall pay any additional interest payable on the principal amount of this Note pursuant to Section 2.5 of the Registration Rights Agreement referred to below].(dagger) The Company will pay interest semi-annually in arrears on each May 15 and November 15 following the date of issuance of this Note, or if any such day is not a Business Day, on the next succeeding Business Day (each an "Interest Payment Date"). Interest on the Notes will accrue from the most recent date to which interest has been paid or, if no interest has been paid, from the date of issuance; provided that if there is no existing Default in the payment of interest, and if this Note is authenticated between a record date referred to on the face hereof and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date; provided, further, that the first Interest Payment Date shall be the Interest Payment Date next following the date set forth in the first sentence of this paragraph. The Company shall pay interest on overdue principal and premium, if any, from time to time as provided in Section 2.12 of the Indenture at the rate borne on the Notes; it shall pay interest on overdue installments of interest (without regard to any applicable grace periods) from time to time as provided in Section 2.12 of the Indenture at the same rate to the extent lawful. Interest will be computed on the basis of a 360-day year of twelve 30-day months.

2. METHOD OF PAYMENT. The Company will pay interest on the Notes (except defaulted interest) to the Persons who are registered Holders of Notes at the close of business on the May 1 or November 1 next preceding the Interest Payment Date, even if such Notes are canceled after such record date and on or before such Interest Payment Date, except as provided in Section 2.12 of the Indenture with respect to defaulted interest or in Article III with respect to redemption. The Notes will be payable as to principal, premium, if any, and interest at the office or agency of the Company maintained for such purpose within the City and State of New York, or, at the option of the Company, payment of interest may be made by check mailed to the Holders at their addresses set forth in the register of Holders, and provided that payment by wire transfer of immediately available funds will be required with respect to principal of and interest and premium, if any, on, all Global Notes and all other Notes the Holders of which shall have provided wire transfer instructions to the Company or the Paying Agent. Such payment shall be in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts.

3. PAYING AGENT AND REGISTRAR. Initially, The Bank of New York, the Trustee under the Indenture, will act as Paying Agent and Registrar. The Company may change any

- - - - -
* This bracketed language should appear in Exchange Notes only.

(dagger) Omit this bracketed language in Exchange Notes.

Paying Agent or Registrar without notice to any Holder. The Company or any of its Subsidiaries may act in any such capacity.

4. **INDENTURE.** The Company issued the Notes under an Indenture dated as of November 22, 2002 ("Indenture") between the Company and the Trustee. The terms of the Notes include those stated in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939, as amended (15 U.S. Code Sections 77aaa-77bbb). The Notes are subject to all such terms, and Holders are referred to the Indenture and such Act for a statement of such terms. To the extent any provision of this Note conflicts with the express provisions of the Indenture, the provisions of the Indenture shall govern and be controlling. The Notes are obligations of the Company initially limited to \$200,000,000 in aggregate principal amount, but the aggregate principal amount may be increased as provided in the Indenture.

5. **OPTIONAL REDEMPTION.** The Notes are redeemable prior to their final Stated Maturity, at the option of the Company, at any time in whole or from time to time in part, on any date prior to their Stated Maturity selected by the Company (the "Redemption Date") at a price equal to 100% of the principal amount thereof plus accrued and unpaid interest, if any, to the Redemption Date (subject to the right of Holders on the relevant record date to receive interest due on an Interest Payment Date that is on or prior to the Redemption Date) plus the Make-Whole Premium (as defined in the Indenture), if any (the "Redemption Price"). In no event will the Redemption Price ever be less than 100% of the principal amount of the Notes plus accrued interest to the Redemption Date.

6. **MANDATORY REDEMPTION.** The Company shall not be required to make mandatory redemption payments with respect to the Notes.

7. **NOTICE OF REDEMPTION.** Notice of redemption will be mailed at least 30 days but not more than 60 days before the Redemption Date to each Holder whose Notes are to be redeemed at its registered address. Notes in denominations larger than \$1,000 may be redeemed in part but only in whole multiples of \$1,000, unless all of the Notes held by a Holder are to be redeemed. On and after the Redemption Date, interest ceases to accrue on Notes or portions thereof called for redemption.

8. **DENOMINATIONS, TRANSFER, EXCHANGE.** The Notes are in registered form without coupons in denominations of \$1,000 and integral multiples of \$1,000. The transfer of Notes may be registered and Notes may be exchanged as provided in the Indenture. The Registrar and the Trustee may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and the Company may require a Holder to pay any taxes and fees required by law or permitted by the Indenture. The Company need not exchange or register the transfer of any Note or portion of a Note selected for redemption, except for the unredeemed portion of any Note being redeemed in part. Also, it need not exchange or register the transfer of any Notes for a period of 15 days before the mailing of a notice of redemption of Notes to be redeemed or during the period between a record date and the corresponding Interest Payment Date.

9. **PERSONS DEEMED OWNERS.** The registered Holder of a Note may be treated as its owner for all purposes.

10. AMENDMENT, SUPPLEMENT AND WAIVER. Subject to certain exceptions, the Indenture or the Notes may be amended or supplemented with the consent of the Holders of at least a majority in principal amount of the then outstanding Notes, and any existing default or compliance with any provision of the Indenture or the Notes may be waived with the consent of the Holders of a majority in principal amount of the then outstanding Notes. Without the consent of any Holder of a Note, the Indenture or the Notes may be amended or supplemented to cure any ambiguity, defect or inconsistency, to provide for uncertificated Notes in addition to or in place of certificated Notes or to alter the provisions in Article 2 of the Indenture in a manner that does not materially adversely affect any Holder, to provide for the assumption of the Company's obligations to Holders of the Notes in case of a merger, consolidation or sale of assets in accordance with Article 5 of the Indenture, to make any change that would provide any additional rights or benefits to the Holders of the Notes or that does not adversely affect the legal rights under the Indenture of any such Holder in any material respect, to comply with the requirements of the SEC in order to effect or maintain the qualification of the Indenture under the TIA, or to allow any guarantor to guarantee the Notes.

11. DEFAULTS AND REMEDIES. Events of Default include: (a) default in the payment when due of principal of, or Make-Whole Premium, if any, on, the Notes; (b) default in the payment when due of interest on the Notes and such default continues for a period of 30 days; (c) failure by the Company or any of its Restricted Subsidiaries to observe or perform any other covenant (other than the covenants described in (a) and (b) above) in the Indenture or the Notes for 60 days after notice to the Company by the Trustee or the Holders of at least 25% in aggregate principal amount of the Notes then outstanding; (d) failure by the Company or any Subsidiary to pay indebtedness when due within the applicable grace period, if any, or the acceleration of such indebtedness by the holders thereof and, in either case, the principal amount of such unpaid or accelerated indebtedness exceeds \$20 million; or (e) certain events of bankruptcy or insolvency with respect to the Company or any of its Significant Subsidiaries as specified in Section 6.1 of the Indenture. If any Event of Default occurs and is continuing, the Trustee or the Holders of at least 25% in principal amount of the then outstanding Notes by notice to the Company may declare all the Notes to be due and payable immediately. Notwithstanding the foregoing, in the case of an Event of Default arising from certain events of bankruptcy or insolvency, the principal amount of all then outstanding Notes will become due and payable without further action or notice. Holders may not enforce the Indenture or the Notes except as provided in the Indenture. Subject to certain limitations, Holders of a majority in principal amount of the then outstanding Notes may direct the Trustee in its exercise of any trust or power. The Trustee may withhold from Holders of the Notes notice of any continuing Default or Event of Default (except a Default or Event of Default relating to the payment of principal, premium, if any, or interest) if it determines that withholding notice is in their interest. The Holders of a majority in aggregate principal amount of the Notes then outstanding by notice to the Trustee may on behalf of the Holders of all of the Notes waive any existing Default or Event of Default and its consequences under the Indenture except a continuing Default or Event of Default in the payment of interest or premium, if any, on, or the principal of, the Notes or in respect of any other covenant or provision of the Indenture which, under Section 9.2 of the Indenture, cannot be modified without the consent of the Holder of each outstanding Note. The Company is required to deliver to the Trustee annually a statement regarding compliance with the Indenture, and the Company is required upon becoming aware of any Default or Event of Default, to deliver to the Trustee a statement specifying such Default or Event of Default.

12. TRUSTEE DEALINGS WITH COMPANY. The Trustee, in its individual or any other capacity, may make loans to, accept deposits from, and perform services for the Company or its Affiliates, and may otherwise deal with the Company or its Affiliates, as if it were not the Trustee.

13. NO RECOURSE AGAINST OTHERS. A director, officer, employee, incorporator, partner, member or stockholder of the Company or any Subsidiary of the Company, as such, shall not have any liability for any obligations of the Company under the Notes, or the Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for the issuance of the Notes.

14. AUTHENTICATION. This Note shall not be valid until authenticated by the manual signature of an authorized signatory of the Trustee or an authenticating agent.

15. ABBREVIATIONS. Customary abbreviations may be used in the name of a Holder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

16. CUSIP NUMBERS. Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Company has caused CUSIP numbers to be printed on the Notes, and CUSIP numbers will be used in notices of redemption as a convenience to Holders. No representation is made as to the accuracy of such numbers either as printed on the Notes or as contained in any notice of redemption and reliance may be placed only on the other identification numbers placed thereon.

17. ADDITIONAL RIGHTS OF HOLDERS OF [RESTRICTED GLOBAL NOTES AND RESTRICTED DEFINITIVE] NOTES. [In addition to the rights provided to Holders of Notes under the Indenture, Holders of Restricted Global Notes and Restricted Definitive Notes shall have all the rights set forth in the Registration Rights Agreement dated as of November 22, 2002, between the Company and the parties named on the signature pages thereof (the "Registration Rights Agreement").](double dagger) The Company will furnish to any Holder upon written request and without charge a copy of the Indenture [and/or the Registration Rights Agreement.]Section Requests may be made to the principal office of the Company, attention Chief Financial Officer.

- - - - -
(double dagger) Omit this bracketed language in Exchange Notes.

Section Omit this bracketed language in Exchange Notes.

ASSIGNMENT FORM

To assign this Note, fill in the form below: (I) or (we) assign and transfer this Note to

(Insert assignee's social security or tax identification number)

(Print or type assignee's name, address and zip code)

and irrevocably appoint _____ as agent to transfer this Note on the books of the Company. The agent may substitute another to act for him.

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this Note)

SIGNATURE GUARANTEE

Signatures must be guaranteed by an "eligible guarantor institution" meeting the requirements of the Registrar, which requirements include membership or participation in the Security Transfer Agent Medallion Program ("STAMP") or such other "signature guarantee program" as may be determined by the Registrar in addition to, or in substitution for, STAMP, all in accordance with the Securities Exchange Act of 1934, as amended.

SCHEDULE OF EXCHANGES OF INTERESTS IN THE GLOBAL
NOTE**

The following exchanges of a part of this Global Note for an interest in another Note, or exchanges of a part of another Note for an interest in this Global Note, have been made:

Date of Exchange	Amount of decrease in Principal Amount of this Global Note	Amount of increase in Principal Amount of this Global Note	Principal Amount of this Global Note following such decrease (or increase)	Signature of authorized signatory of Note custodian
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**This should be included if the Note is a Global Note.

(FACE OF REGULATION S TEMPORARY GLOBAL NOTE)

THE RIGHTS ATTACHING TO THIS REGULATION S TEMPORARY GLOBAL NOTE, AND THE CONDITIONS AND PROCEDURES GOVERNING ITS EXCHANGE FOR DEFINITIVE NOTES, ARE AS SPECIFIED IN THE INDENTURE (AS DEFINED HEREIN). NEITHER THE HOLDER NOR THE BENEFICIAL OWNERS OF THIS REGULATION S TEMPORARY GLOBAL NOTE SHALL BE ENTITLED TO RECEIVE PAYMENT OF INTEREST HEREON.

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

THIS SECURITY HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), OR ANY STATE SECURITIES LAWS. NEITHER THIS SECURITY NOR ANY INTEREST OR PARTICIPATION HEREIN MAY BE REOFFERED, SOLD, ASSIGNED, TRANSFERRED, PLEDGED, ENCUMBERED OR OTHERWISE DISPOSED OF IN THE ABSENCE OF SUCH REGISTRATION OR UNLESS SUCH TRANSACTION IS EXEMPT FROM, OR NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND ANY APPLICABLE STATE SECURITIES LAWS. THE HOLDER OF THIS SECURITY BY ITS ACCEPTANCE HEREOF AGREES (1) NOT TO OFFER, SELL OR OTHERWISE TRANSFER SUCH SECURITY, PRIOR TO (X) THE DATE THAT IS TWO YEARS (OR SUCH SHORTER PERIOD OF TIME AS PERMITTED BY RULE 144(k) UNDER THE SECURITIES ACT OR ANY SUCCESSOR PROVISION THEREUNDER) AFTER THE LATER OF THE ORIGINAL ISSUE DATE HEREOF (OR ANY PREDECESSOR OF THIS SECURITY) AND THE LAST DAY ON WHICH NATIONAL-OILWELL, INC. (THE "COMPANY") OR ANY AFFILIATE OF THE COMPANY WAS THE OWNER OF THIS SECURITY (OR ANY PREDECESSOR OF THIS SECURITY) AND (Y) SUCH LATER DATE, IF ANY, AS MAY BE REQUIRED BY APPLICABLE LAWS (THE "RESALE RESTRICTION TERMINATION DATE"), EXCEPT (A) TO THE COMPANY OR A SUBSIDIARY THEREOF, (B) PURSUANT TO AN

EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT, (C) FOR SO LONG AS THIS SECURITY IS ELIGIBLE FOR RESALE PURSUANT TO RULE 144A UNDER THE SECURITIES ACT ("RULE 144A"), TO A PERSON IT REASONABLY BELIEVES IS A "QUALIFIED INSTITUTIONAL BUYER" AS DEFINED IN RULE 144A THAT IS ACQUIRING SUCH SECURITY FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER TO WHOM NOTICE IS GIVEN THAT THE TRANSFER IS BEING MADE IN RELIANCE ON RULE 144A, (D) TO AN INSTITUTIONAL "ACCREDITED INVESTOR" (AS DEFINED IN RULE 501(a)(1), (2), (3) OR (7) UNDER THE SECURITIES ACT) (AN "INSTITUTIONAL ACCREDITED INVESTOR") THAT, PRIOR TO SUCH TRANSFER, FURNISHES TO THE TRUSTEE A SIGNED LETTER CONTAINING CERTAIN REPRESENTATIONS RELATING TO RESTRICTIONS ON TRANSFER OF THE NOTE EVIDENCED HEREBY (THE FORM OF WHICH LETTER CAN BE OBTAINED FROM THE TRUSTEE), (E) PURSUANT TO OFFERS AND SALES TO NON-U.S. PERSONS THAT OCCUR IN AN "OFFSHORE TRANSACTION" WITHIN THE MEANING OF REGULATION UNDER THE SECURITIES ACT, OR (F) PURSUANT TO ANOTHER AVAILABLE EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT, AND (2) THAT IT WILL GIVE TO EACH PERSON TO WHOM THIS SECURITY IS TRANSFERRED A NOTICE SUBSTANTIALLY TO THE EFFECT OF THIS LEGEND; PROVIDED THAT THE COMPANY, THE TRUSTEE, THE TRANSFER AGENT AND THE REGISTRAR SHALL HAVE THE RIGHT PRIOR TO ANY SUCH OFFER, SALE OR TRANSFER (i) PURSUANT TO CLAUSE (C), (D), (E) OR (F) TO REQUIRE THE DELIVERY OF AN OPINION OF COUNSEL, CERTIFICATION AND/OR OTHER INFORMATION SATISFACTORY TO EACH OF THEM, AND (ii) IN EACH OF THE FOREGOING CASES, TO REQUIRE THAT A CERTIFICATE OF TRANSFER IN THE FORM APPEARING ON THIS SECURITY IS COMPLETED AND DELIVERED BY THE TRANSFEROR TO THE TRUSTEE. THIS LEGEND WILL BE REMOVED UPON THE REQUEST OF A HOLDER AFTER THE RESALE RESTRICTION TERMINATION DATE. THE HOLDER HEREOF, BY PURCHASING THIS NOTE, REPRESENTS AND AGREES FOR THE BENEFIT OF THE COMPANY THAT IT IS (1) A QUALIFIED INSTITUTIONAL BUYER WITHIN THE MEANING OF RULE 144A, (2) AN INSTITUTIONAL ACCREDITED INVESTOR, (3) A NON-U.S. PERSON AND IS ACQUIRING THE NOTE IN AN "OFFSHORE TRANSACTION" PURSUANT TO REGULATION S UNDER THE SECURITIES ACT OR (4) IT IS A PERSON ELIGIBLE TO BE TRANSFERRED THIS NOTE IN ACCORDANCE WITH CLAUSE (F) OF THE FOREGOING SENTENCE. THIS LEGEND WILL BE REMOVED UPON THE REQUEST OF THE HOLDER AFTER THE RESALE RESTRICTION TERMINATION DATE. AS USED HEREIN, THE TERMS "OFFSHORE TRANSACTION," "UNITED STATES" AND "U.S. PERSON" HAVE THE MEANING GIVEN TO THEM BY REGULATION S UNDER THE SECURITIES ACT.

CUSIP/CINS: _____

5.65% SENIOR NOTES DUE 2012

No. _____

\$ _____

NATIONAL-OILWELL, INC

promises to pay to _____ or registered assigns, the principal sum of
_____ Dollars on November 15, 2012.

Interest Payment Dates: May 15 and November 15

Record Dates: May 1 and November 1

NATIONAL-OILWELL, INC.

By: _____
Name: _____
Title: _____

This is one of the [Global]
Notes referred to in the
within-mentioned Indenture:

The Bank of New York
as Trustee

By: _____
Authorized Signatory

Dated: _____

5.65% SENIOR NOTES DUE 2012

Capitalized terms used herein shall have the meanings assigned to them in the indenture referred to below unless otherwise indicated.

1. INTEREST. National-Oilwell, Inc., a Delaware corporation (the "Company"), promises to pay interest on the principal amount of this Note at 5.65% per annum, from _____ until maturity [and shall pay any additional interest payable on the principal amount of this Note pursuant to Section 2.5 of the Registration Rights Agreement referred to below.]* The Company will pay interest semi-annually in arrears on each May 15 and November 15 following the date of issuance of this Note, or if any such day is not a Business Day, on the next succeeding Business Day (each an "Interest Payment Date"). Interest on the Notes will accrue from the most recent date to which interest has been paid or, if no interest has been paid, from the date of issuance; provided that if there is no existing Default in the payment of interest, and if this Note is authenticated between a record date referred to on the face hereof and the next succeeding Interest Payment Date, interest shall accrue from such next succeeding Interest Payment Date; provided, further, that the first Interest Payment Date shall be the Interest Payment Date next following the date set forth in the first sentence of this paragraph. The Company shall pay interest on overdue principal and premium, if any, from time to time as provided in Section 2.2 of the Indenture at the rate borne on the Notes; it shall pay interest on overdue installments of interest (without regard to any applicable grace periods) from time to time as provided in Section 2.2 of the Indenture at the same rate to the extent lawful. Interest will be computed on the basis of a 360-day year of twelve 30-day months.

Until this Regulation S Temporary Global Note is exchanged for one or more Regulation S Permanent Global Notes, the Holder hereof shall not be entitled to receive payments of interest hereon; until so exchanged in full, this Regulation S Temporary Global Note shall in all other respects be entitled to the same benefits as other Notes under the Indenture.

2. METHOD OF PAYMENT. The Company will pay interest on the Notes (except defaulted interest) to the Persons who are registered Holders of Notes at the close of business on the May 1 or November 1 next preceding the Interest Payment Date, even if such Notes are canceled after such record date and on or before such Interest Payment Date, except as provided in Section 2.12 of the Indenture with respect to defaulted interest or in Article III with respect to redemption. The Notes will be payable as to principal, premium, if any, and interest at the office or agency of the Company maintained for such purpose within the City and State of New York, or, at the option of the Company, payment of interest may be made by check mailed to the Holders at their addresses set forth in the register of Holders, and provided that payment by wire transfer of immediately available funds will be required with respect to principal of, and interest and premium, if any, on, all Global Notes and all other Notes the Holders of which shall have provided wire transfer instructions to the Company or the Paying Agent. Such payment shall be in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts.

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* Omit this bracketed language if the Note is an Exchange Note.

3. PAYING AGENT AND REGISTRAR. Initially, The Bank of New York, the Trustee under the Indenture, will act as Paying Agent and Registrar. The Company may change any Paying Agent or Registrar without notice to any Holder. The Company or any of its Subsidiaries may act in any such capacity.

4. INDENTURE. The Company issued the Notes under an Indenture dated as of November 22, 2002 (the "Indenture") between the Company and the Trustee. The terms of the Notes include those stated in the Indenture and those made part of the Indenture by reference to the Trust Indenture Act of 1939, as amended (15 U.S. Code Sections 77aaa-77bbb). The Notes are subject to all such terms, and Holders are referred to the Indenture and such Act for a statement of such terms. To the extent any provision of this Note conflicts with the express provisions of the Indenture, the provisions of the Indenture shall govern and be controlling. The Notes are obligations of the Company initially limited to \$200,000,000 in aggregate principal amount, but the aggregate principal amount may be increased as provided in the Indenture.

5. OPTIONAL REDEMPTION. The Notes are redeemable prior to their final Stated Maturity, at the option of the Company, at any time in whole or from time to time in part, on any date prior to their Stated Maturity selected by the Company (the "Redemption Date") at a price equal to 100% of the principal amount thereof plus accrued and unpaid interest, if any, to the Redemption Date (subject to the right of Holders on the relevant record date to receive interest due on an Interest Payment Date that is on or prior to the Redemption Date) plus the Make-Whole Premium (as defined in the Indenture), if any (the "Redemption Price"). In no event will the Redemption Price ever be less than 100% of the principal amount of the Notes plus accrued interest to the Redemption Date.

6. MANDATORY REDEMPTION. The Company shall not be required to make mandatory redemption payments with respect to the Notes.

7. NOTICE OF REDEMPTION. Notice of redemption will be mailed at least 30 days but not more than 60 days before the Redemption Date to each Holder whose Notes are to be redeemed at its registered address. Notes in denominations larger than \$1,000 may be redeemed in part but only in whole multiples of \$1,000, unless all of the Notes held by a Holder are to be redeemed. On and after the Redemption Date, interest ceases to accrue on Notes or portions thereof called for redemption.

8. DENOMINATIONS, TRANSFER, EXCHANGE. The Notes are in registered form without coupons in denominations of \$1,000 and integral multiples of \$1,000. The transfer of Notes may be registered and Notes may be exchanged as provided in the Indenture. The Registrar and the Trustee may require a Holder, among other things, to furnish appropriate endorsements and transfer documents and the Company may require a Holder to pay any taxes and fees required by law or permitted by the Indenture. The Company need not exchange or register the transfer of any Note or portion of a Note selected for redemption, except for the unredeemed portion of any Note being redeemed in part. Also, it need not exchange or register the transfer of any Notes for a period of 15 days before the mailing of a notice of redemption of Notes to be redeemed or during the period between a record date and the corresponding Interest Payment Date.

This Regulation S Temporary Global Note is exchangeable in whole or in part for one or more Global Notes only (i) on or after the termination of the 40-day restricted period (as defined in Regulation S) and (ii) upon presentation of certificates (accompanied by an Opinion of Counsel, if applicable) required by Article 2 of the Indenture. Upon exchange of this Regulation S Temporary Global Note for one or more Global Notes, the Trustee shall cancel this Regulation S Temporary Global Note.

9. PERSONS DEEMED OWNERS. The registered Holder of a Note may be treated as its owner for all purposes.

10. AMENDMENT, SUPPLEMENT AND WAIVER. Subject to certain exceptions, the Indenture or the Notes may be amended or supplemented with the consent of the Holders of at least a majority in principal amount of the then outstanding Notes, and any existing default or compliance with any provision of the Indenture or the Notes may be waived with the consent of the Holders of a majority in principal amount of the then outstanding Notes. Without the consent of any Holder of a Note, the Indenture or the Notes may be amended or supplemented to cure any ambiguity, defect or inconsistency, to provide for uncertificated Notes in addition to or in place of certificated Notes or to alter the provisions in Article 2 of the Indenture in a manner that does not materially adversely affect any Holder, to provide for the assumption of the Company's obligations to Holders of the Notes in case of a merger, consolidation or sale of assets in accordance with Article 5 of the Indenture, to make any change that would provide any additional rights or benefits to the Holders of the Notes or that does not adversely affect the legal rights under the Indenture of any such Holder in any material respect, or to comply with the requirements of the SEC in order to effect or maintain the qualification of the Indenture under the TIA or to allow any guarantor to guarantee the Notes.

11. DEFAULTS AND REMEDIES. Events of Default include: (a) default in the payment when due of principal of, or Make-Whole Premium, if any, on, the Notes; (b) default in the payment when due of interest on the Notes and such default continues for a period of 30 days; (c) failure by the Company or any of its Restricted Subsidiaries to observe or perform any other covenant (other than the covenants described in (a) and (b) above) in the Indenture or the Notes for 60 days after notice to the Company by the Trustee or the Holders of at least 25% in aggregate principal amount of the Notes then outstanding; (d) failure by the Company or any Subsidiary to pay indebtedness when due within the applicable grace period, if any, or the acceleration of such indebtedness by the holders thereof and, in either case, the principal amount of such unpaid or accelerated indebtedness exceeds \$20 million; or (e) certain events of bankruptcy or insolvency with respect to the Company or any of its Significant Subsidiaries as specified in Section 6.1 of the Indenture. If any Event of Default occurs and is continuing, the Trustee or the Holders of at least 25% in principal amount of the then outstanding Notes by notice to the Company may declare all the Notes to be due and payable immediately. Notwithstanding the foregoing, in the case of an Event of Default arising from certain events of bankruptcy or insolvency, the principal amount of all then outstanding Notes will become due and payable without further action or notice. Holders may not enforce the Indenture or the Notes except as provided in the Indenture. Subject to certain limitations, Holders of a majority in principal amount of the then outstanding Notes may direct the Trustee in its exercise of any trust or power. The Trustee may withhold from Holders of the Notes notice of any continuing Default or Event of Default (except a Default or Event of Default relating to the payment of principal,

premium, if any, or interest) if it determines that withholding notice is in their interest. The Holders of a majority in aggregate principal amount of the Notes then outstanding by notice to the Trustee may on behalf of the Holders of all of the Notes waive any existing Default or Event of Default and its consequences under the Indenture except a continuing Default or Event of Default in the payment of interest or premium, if any, on, or the principal of, the Notes or in respect of any other covenant or provision of the Indenture which, under Section 9.2 of the Indenture, cannot be modified without the consent of the Holder of each outstanding Note. The Company is required to deliver to the Trustee annually a statement regarding compliance with the Indenture, and the Company is required upon becoming aware of any Default or Event of Default, to deliver to the Trustee a statement specifying such Default or Event of Default.

12. TRUSTEE DEALINGS WITH COMPANY. The Trustee, in its individual or any other capacity, may make loans to, accept deposits from, and perform services for the Company or its Affiliates, and may otherwise deal with the Company or its Affiliates, as if it were not the Trustee.

13. NO RECOURSE AGAINST OTHERS. A director, officer, employee, incorporator, partner, member or stockholder of the Company or any Subsidiary of the Company, as such, shall not have any liability for any obligations of the Company under the Notes, or the Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each Holder by accepting a Note waives and releases all such liability. The waiver and release are part of the consideration for the issuance of the Notes.

14. AUTHENTICATION. This Note shall not be valid until authenticated by the manual signature of an authorized signatory of the Trustee or an authenticating agent.

15. ABBREVIATIONS. Customary abbreviations may be used in the name of a Holder or an assignee, such as: TEN COM (= tenants in common), TEN ENT (= tenants by the entireties), JT TEN joint tenants with right of survivorship and not as tenants in common), CUST (= Custodian), and U/G/M/A (= Uniform Gifts to Minors Act).

16. CUSIP NUMBERS. Pursuant to a recommendation promulgated by the Committee on Uniform Security Identification Procedures, the Company has caused CUSIP numbers to be printed on the Notes, and CUSIP numbers will be used in notices of redemption as a convenience to Holders. No representation is made as to the accuracy of such numbers either as printed on the Notes or as contained in any notice of redemption and reliance may be placed only on the other identification numbers placed thereon.

17. [ADDITIONAL RIGHTS OF HOLDERS OF RESTRICTED GLOBAL NOTES AND RESTRICTED DEFINITIVE NOTES. In addition to the rights provided to Holders of Notes under the Indenture, Holders of Restricted Global Notes and Restricted Definitive Notes shall have all the rights set forth in the Registration Rights Agreement dated as of November 22, 2002, between the Company and the parties named on the signature pages thereof (the "Registration Rights Agreement").] (dagger)

- - - - -
(dagger) Omit this bracketed language in the Exchange Notes.

The Company will furnish to any Holder upon written request and without charge a copy of the Indenture [and/or the Registration Rights Agreement.](double dagger) Requests may be made to the principal office of the Company, attention Chief Financial Officer.

- -----
(double dagger) Omit this bracketed language in the Exchange Notes.

ASSIGNMENT FORM

To assign this Note, fill in the form below: (I) or (we) assign and transfer this Note to

(Insert assignee's social security or tax identification number)

(Print or type assignee's name, address and zip code)

and irrevocably appoint _____ as agent to transfer this Note on the books of the Company. The agent may substitute another to act for him.

Date: _____

Your Signature: _____
(Sign exactly as your name appears on the face of this Note)

SIGNATURE GUARANTEE

Signatures must be guaranteed by an "eligible guarantor institution" meeting the requirements of the Registrar, which requirements include membership or participation in the Security Transfer Agent Medallion Program ("STAMP") or such other "signature guarantee program" as may be determined by the Registrar in addition to, or in substitution for, STAMP, all in accordance with the Securities Exchange Act of 1934, as amended.

SCHEDULE OF EXCHANGES OF INTERESTS IN THE GLOBAL
NOTE

The following exchanges of a part of this Regulation S Temporary Global Note for an interest in another Note, or of other Restricted Notes for an interest in this Regulation S Temporary Global Note, have been made:

Date of Exchange	Amount of decrease in Principal Amount of this Global Note	Amount of increase in Principal Amount of this Global Note	Principal Amount of this Global Note following such decrease (or increase)	Signature of authorized signatory of Note custodian
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EXHIBIT B

FORM OF CERTIFICATE OF TRANSFER

National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042
Telecopier No.:(713) _____
Attention: Chief Financial Officer

The Bank of New York
101 Barclay Street, Floor 21 West
New York, New York 10286
Attention: Corporate Trust Trustee Administration

Re: 5.65% Senior Notes due 2012

Reference is hereby made to the Indenture, dated as of November 22, 2002 (the "Indenture"), between National-Oilwell, Inc., as issuer (the "Company") and The Bank of New York, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

_____, (the "Transferor") owns and proposes to transfer the Note[s] or interest in such in such Note[s] specified in Annex A hereto, in the principal amount of \$_____ in such Note[s] or interests (the "Transfer"), to _____ (the "Transferee"), as further specified in Annex A hereto. In connection with the Transfer, the Transferor hereby certifies that:

[CHECK ALL THAT APPLY]

1. CHECK IF TRANSFEREE WILL TAKE DELIVERY OF A BENEFICIAL INTEREST IN THE RULE 144A GLOBAL NOTE OR A DEFINITIVE NOTE PURSUANT TO RULE 144A. The Transfer is being effected pursuant to and in accordance with Rule 144A under the United States Securities Act of 1933, as amended (the "Securities Act"), and, accordingly, the Transferor hereby further certifies that the beneficial interest or Definitive Note is being transferred to a Person that the Transferor reasonably believed and believes is purchasing the beneficial interest or Definitive Note for its own account, or for one or more accounts with respect to which such Person exercises sole investment discretion, and such Person and each such account is a "qualified institutional buyer" within the meaning of Rule 144A in a transaction meeting the requirements of Rule 144A and such Transfer is in compliance with any applicable blue sky securities laws of any state of the United States. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Rule 144A Global Note and/or the Definitive Note and in the Indenture and the Securities Act.

2. CHECK IF TRANSFEREE WILL TAKE DELIVERY OF A BENEFICIAL INTEREST IN THE REGULATION S TEMPORARY GLOBAL NOTE, THE REGULATION S PERMANENT GLOBAL NOTE OR A DEFINITIVE NOTE PURSUANT TO REGULATION S. The Transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and, accordingly, the Transferor hereby further certifies that (i) the Transfer is not being made to a person in the United States and (x) at the time the buy order was originated, the Transferee was outside the United States or such Transferor and any Person acting on its behalf reasonably believed and believes that the Transferee was outside the United States or (y) (1) for Transfers being effected in accordance with Rule 903, the transaction is executed in, on or through a physical trading floor of an established foreign securities exchange that is located outside the United States or (2) for Transfers being effected in accordance with Rule 904, the transaction was executed in, on or through the facilities of a designated offshore securities market and neither such Transferor nor any Person acting on its behalf knows that the transaction was prearranged with a buyer in the United States, (ii) no directed selling efforts have been made in contravention of the requirements of Rule 903(a) or Rule 904(a) of Regulation S under the Securities Act, (iii) the transaction is not part of a plan or scheme to evade the registration requirements of the Securities Act and (iv) if the proposed transfer is being made prior to the expiration of the Restricted Period, the transfer is not being made to a U.S. Person or for the account or benefit of a U.S. Person. Upon consummation of the proposed transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on Transfer enumerated in the Private Placement Legend printed on the Regulation S Permanent Global Note, the Regulation S Temporary Global Note and/or the Definitive Note and in the Indenture and the Securities Act.

3. CHECK AND COMPLETE IF TRANSFEREE WILL TAKE DELIVERY OF A DEFINITIVE NOTE PURSUANT TO ANY PROVISION OF THE SECURITIES ACT OTHER THAN RULE 144A OR REGULATION S. The Transfer is being effected in compliance with the transfer restrictions applicable to beneficial interests in Restricted Global Notes and Restricted Definitive Notes and pursuant to and in accordance with the Securities Act and any applicable blue sky securities laws of any state of the United States, and accordingly the Transferor hereby further certifies that (check one):

(a) such Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act;

or

(b) such Transfer is being effected to the Company or a subsidiary thereof;

or

(c) such Transfer is being effected pursuant to an effective registration statement under the Securities Act and in compliance with the prospectus delivery requirements of the Securities Act;

or

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(d) such Transfer is being effected to an Institutional Accredited Investor or pursuant to another exemption from the registration requirements of the Securities Act other than Rule 144A, Rule 144, Rule 903 or Rule 904 and the Transferor hereby certifies that the Transfer complies with the transfer restrictions applicable to beneficial interests in a Restricted Global Note or Restricted Definitive Notes and the requirements of the exemption claimed, which certification is supported by (1) if the Transfer is to an Institutional Accredited Investor, a certificate executed by the Transferee in the form of Exhibit D to the Indenture and (2) an Opinion of Counsel provided by the Transferor or the Transferee (a copy of which the Transferor has attached to this certificate) to the effect that such Transfer is in compliance with the Securities Act (provided that an Opinion of Counsel need not be furnished in respect of Transfers of a principal amount of Notes of \$250,000 or more at the time of Transfer to an Institutional Accredited Investor who furnishes the certificate set forth in (1) above). Upon consummation of the proposed transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Global Note and/or the Definitive Notes and in the Indenture and the Securities Act.

4. CHECK IF TRANSFeree WILL TAKE DELIVERY OF A BENEFICIAL INTEREST IN AN UNRESTRICTED GLOBAL NOTE OR OF AN UNRESTRICTED DEFINITIVE NOTE.

(a) CHECK IF TRANSFER IS PURSUANT TO RULE 144. (i) The Transfer is being effected pursuant to and in accordance with Rule 144 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any state of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes, on Restricted Definitive Notes and in the Indenture.

(b) CHECK IF TRANSFER IS PURSUANT TO REGULATION S. (i) The transfer is being effected pursuant to and in accordance with Rule 903 or Rule 904 under the Securities Act and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky securities laws of any state of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will no longer be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes, on Restricted Definitive Notes and in the Indenture.

(c) CHECK IF TRANSFER IS PURSUANT TO OTHER EXEMPTION. (i) The Transfer is being effected pursuant to and in compliance with an exemption from the registration requirements of the Securities Act other than Rule 144, Rule 903 or Rule 904 and in compliance with the transfer restrictions contained in the Indenture and any applicable blue sky

securities laws of any State of the United States and (ii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act. Upon consummation of the proposed Transfer in accordance with the terms of the Indenture, the transferred beneficial interest or Definitive Note will not be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Global Notes or Restricted Definitive Notes and in the Indenture.

This certificate and the statements contained herein are made for your benefit and the benefit of the Company.

(Insert Name of Transferor)

By: _____
Name: _____
Title: _____

ANNEX A TO CERTIFICATE OF TRANSFER

1. The Transferor owns and proposes to transfer the following:

[CHECK ONE OF (a) OR (b)]

(a) a beneficial interest in the:

(i) 144A Global Note (CUSIP _____), or

(ii) Regulation S Global Note (CUSIP _____); or

(b) a Restricted Definitive Note

2. After the Transfer the Transferee will hold:

[CHECK ONE]

(a) a beneficial interest in the:

(i) 144A Global Note (CUSIP _____), or

(ii) Regulation S Global Note (CUSIP _____), or

(iii) Unrestricted Global Note (CUSIP _____); or

(b) a Restricted Definitive Note

(c) an Unrestricted Definitive Note,

in accordance with the terms of the Indenture.

EXHIBIT C

FORM OF CERTIFICATE OF EXCHANGE

National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042
Telecopier No.:(713) _____
Attention: Chief Financial Officer

The Bank of New York
101 Barclay Street, Floor 21 West
New York, New York 10286
Attention: Corporate Trust Trustee Administration

Re: 5.65% Senior Notes due 2012

Reference is hereby made to the Indenture, dated as November 22, 2002 (the "Indenture"), between National-Oilwell, Inc., as issuer (the "Company"), and The Bank of New York, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture. _____ (the "Owner") owns and proposes to exchange the Note[s] or interest in such Note[s] in an exchange transaction specified herein, in the principal amount of \$_____ in such Note[s] or interests (the "Exchange"). In connection with the Exchange, the Owner hereby certifies that:

1. EXCHANGE OF RESTRICTED DEFINITIVE NOTES OR BENEFICIAL INTERESTS IN A RESTRICTED GLOBAL NOTE FOR UNRESTRICTED DEFINITIVE NOTES OR BENEFICIAL INTERESTS IN AN UNRESTRICTED GLOBAL NOTE.

(a) CHECK IF EXCHANGE IS FROM BENEFICIAL INTEREST IN A RESTRICTED GLOBAL NOTE TO BENEFICIAL INTEREST IN AN UNRESTRICTED GLOBAL NOTE. In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Note for a beneficial interest in an Unrestricted Global Note in an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Global Notes and pursuant to and in accordance with the United States Securities Act of 1933, as amended (the "Securities Act"), (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest in an Unrestricted Global Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(b) CHECK IF EXCHANGE IS FROM BENEFICIAL INTEREST IN A RESTRICTED GLOBAL NOTE TO UNRESTRICTED DEFINITIVE NOTE. In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Note for an Unrestricted Definitive Note, the Owner hereby certifies (i) the Definitive Note is being acquired

for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Restricted Global Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Definitive Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(c) CHECK IF EXCHANGE IS FROM RESTRICTED DEFINITIVE NOTE TO BENEFICIAL INTEREST IN AN UNRESTRICTED GLOBAL NOTE. In connection with the Owner's Exchange of a Restricted Definitive Note for a beneficiary interest in an Unrestricted Global Note, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the beneficial interest is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

(d) CHECK IF EXCHANGE IS FROM RESTRICTED DEFINITIVE NOTE TO UNRESTRICTED DEFINITIVE NOTE. In connection with the Owner's Exchange of a Restricted Definitive Note for an Unrestricted Definitive Note, the Owner hereby certifies (i) the Unrestricted Definitive Note is being acquired for the Owner's own account without transfer, (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to Restricted Definitive Notes and pursuant to and in accordance with the Securities Act, (iii) the restrictions on transfer contained in the Indenture and the Private Placement Legend are not required in order to maintain compliance with the Securities Act and (iv) the Unrestricted Definitive Note is being acquired in compliance with any applicable blue sky securities laws of any state of the United States.

2. EXCHANGE OF RESTRICTED DEFINITIVE NOTES OR BENEFICIAL INTERESTS IN RESTRICTED GLOBAL NOTES FOR RESTRICTED DEFINITIVE NOTES OR BENEFICIAL INTERESTS IN RESTRICTED GLOBAL NOTES.

(a) CHECK IF EXCHANGE IS FROM BENEFICIAL INTEREST IN A RESTRICTED GLOBAL NOTE TO RESTRICTED DEFINITIVE NOTE. In connection with the Exchange of the Owner's beneficial interest in a Restricted Global Note for a Restricted Definitive Note with an equal principal amount, the Owner hereby certifies that the Restricted Definitive Note is being acquired for the Owner's own account without transfer. Upon consummation of the proposed Exchange in accordance with the terms of the Indenture, the Restricted Definitive Note issued will continue to be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the Restricted Definitive Note and in the Indenture and the Securities Act.

(b) CHECK IF EXCHANGE IS FROM RESTRICTED DEFINITIVE NOTE TO BENEFICIAL INTEREST IN A RESTRICTED GLOBAL NOTE. In connection with the Exchange of the Owner's Restricted Definitive Note for a beneficial interest in the

[CHECK ONE]

144A Global Note

Regulation S Global Note

with an equal principal amount, the Owner hereby certifies (i) the beneficial interest is being acquired for the Owner's own account without transfer and (ii) such Exchange has been effected in compliance with the transfer restrictions applicable to the Restricted Global Notes and pursuant to and in accordance with the Securities Act, and in compliance with any applicable blue sky securities laws of any state of the United States. Upon consummation of the proposed Exchange in accordance with the terms of the Indenture, the beneficial interest issued will be subject to the restrictions on transfer enumerated in the Private Placement Legend printed on the relevant Restricted Global Note and in the Indenture and the Securities Act.

This certificate and the statements contained herein are made for your benefit and the benefit of the Company.

(Insert Name of Owner)

By: _____
Name: _____
Title: _____

EXHIBIT D

FORM OF CERTIFICATE FROM ACQUIRING INSTITUTIONAL
ACCREDITED INVESTOR

National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042
Telecopier No.:(713) _____
Attention: Chief Financial Officer

The Bank of New York
101 Barclay Street, Floor 21 West
New York, New York 10286
Attention: Corporate Trust Trustee Administration

Re: National-Oilwell, Inc. 5.65% Senior Notes due 2012

Reference is hereby made to the Indenture, dated as of November 22, 2002 (the "Indenture"), between National-Oilwell, Inc., as issuer (the "Company") and The Bank of New York, as trustee. Capitalized terms used but not defined herein shall have the meanings given to them in the Indenture.

In connection with our proposed purchase of \$_____ aggregate principal amount of:

- (a) a beneficial interest in a Global Note, or
- (b) a Definitive Note,

we confirm that:

1. we are an "accredited investor" within the meaning of Rule 501(a)(1), (2), (3) or (7) under the Securities Act of 1933, as amended (the "Securities Act"), or an entity in which all of the equity owners are accredited investors within the meaning of Rule 501(a)(1), (2), (3) or (7) under the Securities Act (an "institutional accredited investor");
2. (A) any purchase of the Notes by us will be for our own account or for the account of one or more other institutional accredited investors or as fiduciary for the account of one or more trusts, each of which is an "accredited investor" within the meaning of Rule 501(a)(7) under the Securities Act and for each of which we exercise sole investment discretion or (B) we are a "bank," within the meaning of Section 3(a)(2) of the Securities Act, or a "savings and loan association" or other institution described in Section 3(a)(5)(A) of the Securities Act that is acquiring

Notes as fiduciary for the account of one or more institutions for which we exercise sole investment discretion;

3. in the event that we purchase any Notes, we will acquire Notes having a minimum purchase price of not less than \$250,000 for our own account and for each separate account for which we are acting;
4. we have such knowledge and experience in financial and business matters that we are capable of evaluating the merits and risks of purchasing Notes;
5. we are not acquiring the Notes with a view to any distribution thereof in a transaction that would violate the Securities Act or the securities laws of any State of the United States or any other applicable jurisdictions, provided that the disposition of our property and the property of any accounts for which we are acting as fiduciary shall remain at all times within our control;
6. we have received a copy of the Offering Memorandum relating to the offering of the Notes and acknowledge that we have had access to such financial and other information, and have been afforded the opportunity to ask such questions of representatives of the Company and receive answers thereto, as we deem necessary in connection with our decision to purchase the Notes; and
7. (a) we are not an employee benefit plan or other arrangement that is subject to the Employee Retirement Income Security Act of 1974, as amended, or Section 4975 of the Internal Revenue Code of 1986, as amended, or an entity whose underlying assets include assets of such a plan or arrangement (pursuant to 29 C.F.R. Section 2510.3-101 or otherwise), and we are not purchasing (and will not hold) the Notes on behalf of, or with the assets of, any such plan, arrangement or entity; or (b) our purchase and holding of the Notes are completely covered by the full exemptive relief provided by U.S. Department of Labor Prohibited Transaction Class Exemption 96-23, 95-60, 91-38, 90-1 or 84-14.

We understand that the Notes are being offered in a transaction not involving any public offering within the meaning of the Securities Act and that the Notes have not been registered under the Securities Act, and we agree, on our own behalf, and on behalf of each account for which we acquire any Notes, that if in the future we decide to resell or otherwise transfer such Notes, such Notes will not be offered, sold or otherwise transferred prior to (x) the date that is two years (or such shorter period of time as permitted by Rule 144(k) under the Securities Act or any successor provision thereunder) after the later of the original Issue Date thereof (or any predecessor of such Note) and the last day on which National-Oilwell, Inc. (the "Company") or any affiliate of the Company was the owner of the Note (or any predecessor of such Note) and (y) such later date, if any, as may be required by applicable laws (the "Resale Restriction Termination Date"), except (a) to the Company or a subsidiary thereof, (b) pursuant to an effective registration statement under the Securities Act, (c) for so long as the Note is eligible for resale pursuant to Rule 144A under the Securities Act ("Rule 144A"), to a person we reasonably believe is a "qualified institutional buyer" as defined in Rule 144A that is acquiring the Note for its own account or for the account of a qualified institutional buyer to whom notice is given that

the transfer is being made in reliance on Rule 144A, (d) to an institutional "accredited investor" (as defined in Rule 501(a)(1), (2), (3) or (7) under the Securities Act) (an "institutional accredited investor") that, prior to such transfer, furnishes to the trustee a signed letter containing certain representations relating to restrictions on transfer of the Note (the form of which letter can be obtained from the Trustee), (e) pursuant to offers and sales to non-U.S. Persons that occur in an "offshore transaction" within the meaning of Regulation S under the Securities Act, or (f) pursuant to another available exemption from the registration requirements of the Securities Act; provided that the Company, the Trustee, the transfer agent and the registrar shall have the right prior to any such offer, sale or transfer (i) pursuant to clause (c), (d), (e) or (f) to require the delivery of an opinion of counsel, certification and/or other information satisfactory to each of them, and (ii) in each of the foregoing cases, to require that a certificate of transfer in the form appearing on the Note is completed and delivered by the transferor to the Trustee. We further agree to provide any person purchasing any of the Notes other than pursuant to clause (b) above from us a notice advising such purchaser that resales of the Notes are restricted as stated above. We understand that the registrar and transfer agent for the Notes will not be required to accept for registration of transfer any Notes, except upon presentation of evidence satisfactory to the Company that the foregoing restrictions on transfer have been complied with. We further understand that any Notes that we receive in the form of physical certificates will bear a legend reflecting the substance of this paragraph.

THIS LETTER SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO CONFLICTS OF LAWS PRINCIPLES THEREOF.

You and the Company are entitled to rely upon this letter and are irrevocably authorized to produce this letter or a copy hereof to any interested party in any administrative or legal proceedings or official inquiry with respect to the matters covered hereby.

(Insert Name of Accredited Investor)

By: _____
Name: _____
Title: _____

REGISTRATION RIGHTS AGREEMENT

DATED AS OF NOVEMBER 22, 2002

AMONG

NATIONAL-OILWELL, INC.

AND

MERRILL LYNCH, PIERCE, FENNER & SMITH
INCORPORATED

REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (the "Agreement") is made and entered into this 22nd day of November, 2002 among National-Oilwell, Inc., a Delaware corporation (the "Company"), and Merrill Lynch, Pierce, Fenner & Smith Incorporated (the "Initial Purchaser").

This Agreement is made pursuant to the Purchase Agreement, dated November 15, 2002, among the Company and the Initial Purchaser (the "Purchase Agreement"), which provides for the sale by the Company to the Initial Purchaser of an aggregate of \$200 million principal amount of the Company's 5.65% Senior Notes due 2012 (the "Securities"). In order to induce the Initial Purchaser to enter into the Purchase Agreement, the Company has agreed to provide to the Initial Purchaser and their direct and indirect transferees the registration rights set forth in this Agreement. The execution of this Agreement is a condition to the closing under the Purchase Agreement.

In consideration of the foregoing, the parties hereto agree as follows:

1. Definitions.

As used in this Agreement, the following capitalized defined terms shall have the following meanings:

"1933 Act" shall mean the Securities Act of 1933, as amended from time to time.

"1934 Act" shall mean the Securities Exchange Act of 1934, as amended from time to time.

"Closing Date" shall mean the Closing Time as defined in the Purchase Agreement.

"Company" shall have the meaning set forth in the preamble and shall also include the Company's successors.

"Depository" shall mean The Depository Trust Company, or any other depository appointed by the Company, provided, however, that such depository must have an address in the Borough of Manhattan, in the City of New York.

"Exchange Offer" shall mean the exchange offer by the Company of Exchange Securities for Registrable Securities pursuant to Section 2.1 hereof.

"Exchange Offer Registration" shall mean a registration under the 1933 Act effected pursuant to Section 2.1 hereof.

"Exchange Offer Registration Statement" shall mean an exchange offer registration statement on Form S-4 (or, if applicable, on another appropriate form), and all amendments and supplements to such registration statement, including the Prospectus contained therein, all exhibits thereto and all documents incorporated by reference therein.

"Exchange Period" shall have the meaning set forth in Section 2.1 hereof.

"Exchange Securities" shall mean the 5.65% Senior Notes due 2012, Series B issued by the Company under the Indenture containing terms identical to the Securities in all material respects (except for references to certain interest rate provisions, restrictions on transfers and restrictive legends), to be offered to Holders of Securities in exchange for Registrable Securities pursuant to the Exchange Offer.

"Holder" shall mean the Initial Purchaser, for so long as it owns any Registrable Securities, and each of its successors, assigns and direct and indirect transferees who become registered owners of Registrable Securities under the Indenture and each Participating Broker-Dealer that holds Exchange Securities for so long as such Participating Broker-Dealer is required to deliver a prospectus meeting the requirements of the 1933 Act in connection with any resale of such Exchange Securities.

"Indenture" shall mean the Indenture relating to the Securities, dated as of November 22, 2002, between the Company and The Bank of New York, as trustee, as the same may be amended, supplemented, waived or otherwise modified from time to time in accordance with the terms thereof.

"Initial Purchaser" shall have the meaning set forth in the preamble.

"Majority Holders" shall mean the Holders of a majority of the aggregate principal amount of Outstanding (as defined in the Indenture) Registrable Securities; provided, however, that whenever the consent or approval of Holders of a specified percentage of Registrable Securities is required hereunder, Registrable Securities held by the Company and other obligors on the Securities or any Affiliate (as defined in the Indenture) of the Company shall be disregarded in determining whether such consent or approval was given by the Holders of such required percentage amount.

"Participating Broker-Dealer" shall mean Merrill Lynch, Pierce, Fenner & Smith Incorporated and any other broker-dealer which makes a market in the Securities and exchanges Registrable Securities in the Exchange Offer for Exchange Securities.

"Person" shall mean an individual, partnership (general or limited), corporation, limited liability company, trust or unincorporated organization, or a government or agency or political subdivision thereof.

"Prospectus" shall mean the prospectus included in a Registration Statement, including any preliminary prospectus, and any such prospectus as amended or supplemented by any prospectus supplement, including any such prospectus supplement with respect to the terms of the offering of any portion of the Registrable Securities covered by a Shelf Registration Statement, and by all other amendments and supplements to a prospectus, including post-effective amendments, and in each case including all material incorporated by reference therein.

"Purchase Agreement" shall have the meaning set forth in the preamble.

"Registrable Securities" shall mean the Securities; provided, however, that Securities shall cease to be Registrable Securities when (i) a Registration Statement with respect to such Securities shall have been declared effective under the 1933 Act and such Securities shall have been disposed of pursuant to such Registration Statement, (ii) such Securities have been sold to the public pursuant to Rule 144 (or any similar provision then in force, but not Rule 144A) under the 1933 Act or are eligible to be sold to the public pursuant to Rule 144(k) under the 1933 Act, (iii) such Securities shall have ceased to be outstanding or (iv) the Exchange Offer is consummated (except in the case of Securities purchased from the Company and continued to be held by the Initial Purchaser).

"Registration Expenses" shall mean any and all expenses incident to performance of or compliance by the Company with this Agreement, including without limitation: (i) all SEC, stock exchange or National Association of Securities Dealers, Inc. (the "NASD") registration and filing fees, including, if applicable, the fees and expenses of any "qualified independent underwriter" (and its counsel) that is required to be retained by any holder of Registrable Securities in accordance with the rules and regulations of the NASD, (ii) all fees and expenses incurred in connection with compliance with state securities or blue sky laws and compliance with the rules of the NASD (including reasonable fees and disbursements of one firm of legal counsel for any underwriters or Holders in

connection with blue sky qualification of any of the Exchange Securities or Registrable Securities and any filings with the NASD), (iii) all expenses of any Persons in preparing or assisting in preparing, word processing, printing and distributing any Registration Statement, any Prospectus, any amendments or supplements thereto, any underwriting agreements, securities sales agreements and other documents relating to the performance of and compliance with this Agreement, (iv) all fees and expenses incurred in connection with the listing, if any, of any of the Registrable Securities on any securities exchange or exchanges, (v) all rating agency fees, (vi) the fees and disbursements of counsel for the Company and of the independent public accountants of the Company, including the expenses of any special audits or "cold comfort" letters required by or incident to such performance and compliance, (vii) the fees and expenses of the Trustee, and any escrow agent or custodian, (viii) the reasonable fees and expenses of the Initial Purchaser in connection with the Exchange Offer, including the reasonable fees and expenses of one firm of legal counsel to the Initial Purchaser in connection therewith, (ix) the reasonable fees and disbursements of one law firm of special counsel representing the Holders of Registrable Securities and (x) any fees and disbursements of the underwriters customarily required to be paid by issuers or sellers of securities and the fees and expenses of any special experts retained by the Company in connection with any Registration Statement, but excluding underwriting discounts and commissions and transfer taxes, if any, relating to the sale or disposition of Registrable Securities by a Holder.

"Registration Statement" shall mean any registration statement of the Company which covers any of the Exchange Securities or Registrable Securities pursuant to the provisions of this Agreement, and all amendments and supplements to any such Registration Statement, including post-effective amendments, in each case including the Prospectus contained therein, all exhibits thereto and all material incorporated by reference therein.

"SEC" shall mean the Securities and Exchange Commission or any successor agency or government body performing the functions currently performed by the United States Securities and Exchange Commission.

"Shelf Registration" shall mean a registration effected pursuant to Section 2.2 hereof.

"Shelf Registration Statement" shall mean a "shelf" registration statement of the Company pursuant to the provisions of Section 2.2 of this Agreement which covers all of the Registrable Securities on an appropriate form under Rule 415 under the 1933 Act, or any similar rule that may be adopted by the SEC, and all amendments and supplements to such registration statement, including post-

effective amendments, in each case including the Prospectus contained therein, all exhibits thereto and all material incorporated by reference therein.

"Trustee" shall mean the trustee with respect to the Securities under the Indenture.

2. Registration Under the 1933 Act.

2.1 Exchange Offer. The Company shall, for the benefit of the Holders, at the Company's cost, (A) prepare and, as soon as practicable but not later than 105 days following the Closing Date, file with the SEC an Exchange Offer Registration Statement on an appropriate form under the 1933 Act with respect to a proposed Exchange Offer and the issuance and delivery to the Holders, in exchange for the Registrable Securities, of a like principal amount of Exchange Securities, (B) use its reasonable best efforts to cause the Exchange Offer Registration Statement to be declared effective under the 1933 Act within 150 days of the Closing Date, (C) use its reasonable best efforts to keep the Exchange Offer Registration Statement effective until the closing of the Exchange Offer and (D) use its reasonable best efforts to cause the Exchange Offer to be consummated not later than 180 days following the Closing Date. The Exchange Securities will be issued under the Indenture. Upon the effectiveness of the Exchange Offer Registration Statement, the Company shall promptly commence the Exchange Offer, it being the objective of such Exchange Offer to enable each Holder eligible and electing to exchange Registrable Securities for Exchange Securities (assuming that such Holder (a) is not an affiliate of the Company within the meaning of Rule 405 under the 1933 Act, (b) is not a broker-dealer tendering Registrable Securities acquired directly from the Company for its own account, (c) acquired the Exchange Securities in the ordinary course of such Holder's business and (d) has no arrangements or understandings with any Person to participate in the Exchange Offer for the purpose of distributing the Exchange Securities) to transfer such Exchange Securities from and after their receipt without any limitations or restrictions under the registration requirements of the 1933 Act and under state securities or blue sky laws.

In connection with the Exchange Offer, the Company shall:

(a) mail as promptly as practicable to each Holder a copy of the Prospectus forming part of the Exchange Offer Registration Statement, together with an appropriate letter of transmittal and related documents;

(b) keep the Exchange Offer open for acceptance for a period of not less than 30 calendar days after the date notice thereof is mailed to the

Holders (or longer if required by applicable law) (such period referred to herein as the "Exchange Period");

(c) utilize the services of the Depository for the Exchange Offer;

(d) permit Holders to withdraw tendered Registrable Securities at any time prior to 5:00 p.m. (Eastern Time), on the last business day of the Exchange Period, by sending to the institution specified in the notice, a telegram, telex, facsimile transmission or letter setting forth the name of such Holder, the principal amount of Registrable Securities delivered for exchange, and a statement that such Holder is withdrawing such Holder's election to have such Securities exchanged;

(e) notify each Holder that any Registrable Security not tendered will remain outstanding and continue to accrue interest, but will not retain any rights under this Agreement (except in the case of the Initial Purchaser and Participating Broker-Dealers as provided herein); and

(f) otherwise comply in all material respects with all applicable laws relating to the Exchange Offer.

As soon as practicable after the close of the Exchange Offer, the Company shall:

(i) accept for exchange all Registrable Securities duly tendered and not validly withdrawn pursuant to the Exchange Offer in accordance with the terms of the Exchange Offer Registration Statement and the letter of transmittal which shall be an exhibit thereto;

(ii) deliver or cause to be delivered to the Trustee for cancellation all Registrable Securities so accepted for exchange; and

(iii) cause the Trustee promptly to authenticate and deliver Exchange Securities to each Holder of Registrable Securities so accepted for exchange in a principal amount equal to the principal amount of the Registrable Securities of such Holder so accepted for exchange.

The Exchange Securities shall be issued under (i) the Indenture or (ii) an indenture identical in all material respects to the Indenture and which, in either case, has been qualified under the Trust Indenture Act of 1939, as amended (the "TIA"), or is

exempt from such qualification, and shall provide that the F Exchange Securities shall not be subject to the transfer restrictions set forth in the Indenture.

Interest on each Exchange Security will accrue from the last date on which interest was paid on the Registrable Securities surrendered in exchange therefor or, if no interest has been paid on the Registrable Securities, from the date of original issuance. The Exchange Offer shall not be subject to any conditions, other than (i) that the Exchange Offer, or the making of any exchange by a Holder, does not violate applicable law or any applicable interpretation of the staff of the SEC, (ii) the due tendering of Registrable Securities in accordance with the Exchange Offer, (iii) that each Holder of Registrable Securities exchanged in the Exchange Offer shall have represented that all Exchange Securities to be received by it shall be acquired in the ordinary course of its business and that at the time of the consummation of the Exchange Offer it shall have no arrangement or understanding with any person to participate in the distribution (within the meaning of the 1933 Act) of the Exchange Securities and shall have made such other representations as may be reasonably necessary under applicable SEC rules, regulations or interpretations to render the use of Form S-4 or other appropriate form under the 1933 Act available and (iv) that no action or proceeding shall have been instituted or threatened in any court or by or before any governmental agency with respect to the Exchange Offer which, in the Company's judgment, would reasonably be expected to impair the ability of the Company to proceed with the Exchange Offer. The Company shall inform the Initial Purchaser of the names and addresses of the Holders to whom the Exchange Offer is made, and the Initial Purchaser shall have the right to contact such Holders and otherwise facilitate the tender of Registrable Securities in the Exchange Offer.

2.2 Shelf Registration. (i) If, because of any changes in law, SEC rules or regulations or applicable interpretations thereof by the staff of the SEC, the Company is not permitted to effect the Exchange Offer as contemplated by Section 2.1 hereof, (ii) if for any other reason the Exchange Offer Registration Statement is not declared effective within 150 days following the Closing Date or the Exchange Offer is not consummated within 180 days after the Closing Date, (iii) upon the request of the Initial Purchaser (but only with respect to any Registrable Securities which the Initial Purchaser acquired directly from the Company) or (iv) if a Holder is not permitted by the federal securities laws or applicable interpretations thereof by the staff of the SEC to participate in the Exchange Offer or does not receive fully tradeable Exchange Securities pursuant to the Exchange Offer, then in case of each of clauses (i) through (iv) the Company shall, at its cost:

(a) As promptly as practicable, file with the SEC, and thereafter shall use its reasonable best efforts to cause to be declared effective as promptly as practicable but no later than 210 days after the Closing Date, a

Shelf Registration Statement relating to the offer and sale of the Registrable Securities by the Holders from time to time in accordance with the methods of distribution elected by the Majority Holders participating in the Shelf Registration and set forth in such Shelf Registration Statement; provided, however, that with respect to Exchange Securities received by a broker-dealer in exchange for any securities that were acquired by such broker-dealer as a result of market making or other trading activities, the Company may, if permitted by then applicable federal securities laws and interpretations thereof by the SEC, file one or more post-effective amendments to the Exchange Offer Registration Statement in satisfaction of its obligations under this paragraph (a) solely with respect to broker-dealers who acquired their securities as a result of market making or other trading activities and use its reasonable best efforts to keep such Exchange Offer Registration Statement, as so amended, continuously effective for such period of time as may be necessary to permit such broker-dealers to comply with the applicable prospectus delivery requirements under the 1933 Act and as otherwise required herein; and any such Exchange Offer Registration Statement, as so amended, shall be referred to herein as, and governed by the provisions herein applicable to, a Shelf Registration Statement;

(b) Use its reasonable best efforts to keep the Shelf Registration Statement continuously effective in order to permit the Prospectus forming part thereof to be usable by Holders for a period of two years from the date the Shelf Registration Statement is declared effective by the SEC, or for such shorter period that will terminate when all Registrable Securities covered by the Shelf Registration Statement have been sold pursuant to the Shelf Registration Statement or cease to be outstanding or otherwise cease to be Registrable Securities (the "Effectiveness Period"); provided, however, that the Company shall not be obligated to keep such Shelf Registration Statement effective if (A) any event occurs or facts are discovered which make any statement made in such Shelf Registration Statement or the related Prospectus untrue in any material respect or which require the making of any changes in such Shelf Registration Statement or Prospectus in order to make the statements therein not misleading; (B) the Company determines, in its reasonable judgment, upon advice of counsel, as authorized by a resolution of its Board of Directors, that the continued effectiveness and useability of such Shelf Registration Statement would (x) require the disclosure of material information, which the Company has a bona fide business reason for preserving as confidential, or (y) interfere with any financing, acquisition, corporate reorganization or other material transaction involving the Company or any of its subsidiaries, and provided,

further, that the failure to keep such Shelf Registration Statement effective and usable for offers and sales of Registrable Securities for any of the foregoing reasons shall last no longer than 45 days in any 12-month period whereafter Additional Interest (as defined in Section 2.5) shall become payable in accordance with Section 2.5, and (B) the Company thereafter complies as promptly as practicable with the requirements of Section 3(k) hereof, if applicable. Any such period during which the Company is excused from keeping the Shelf Registration Statement effective and usable for offers and sales of Registrable Securities is referred to herein as a "Suspension Period"; a Suspension Period shall commence on and include the date that the Company gives prompt notice to the Holders that the Shelf Registration Statement is no longer effective or the prospectus included therein is no longer usable for offers and sales of Registrable Securities as a result of the application of the proviso (which contains clauses (A) and (B)) of the foregoing sentence and shall end on the earlier to occur of (1) the date on which each seller of Registrable Securities covered by the Shelf Registration Statement either receives the copies of the supplemented or amended prospectus contemplated by Section 3(k) hereof or is advised in writing by the Company as promptly as practicable following its determination that use of the prospectus may be resumed and (2) the expiration of 45 days in any 12-month period during which one or more Suspension Periods has been in effect. The Company shall extend the Effectiveness Period (or the period during which Participating Broker-Dealers are entitled to use the prospectus included in the Exchange Offer Registration Statement in connection with the resale of the Exchange Securities, as the case may be) by the number of days during either such period from and including the date of the giving of such notice to and including the date which is the earlier to occur as described in the preceding sentence.

(c) Notwithstanding any other provisions hereof, use its reasonable best efforts to ensure that (i) any Shelf Registration Statement and any amendment thereto and any Prospectus forming part thereof and any supplement thereto complies in all material respects with the 1933 Act and the rules and regulations thereunder, (ii) any Shelf Registration Statement and any amendment thereto does not, when it becomes effective, contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading and (iii) any Prospectus forming part of any Shelf Registration Statement, and any supplement to such Prospectus (as amended or supplemented from time to time), does not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the

statements, in light of the circumstances under which they were made, not misleading.

Without the consent of the Initial Purchaser, which consent shall not be unreasonably withheld, the Company shall not permit any securities other than Registrable Securities to be included in the Shelf Registration Statement. The Company further agrees, if necessary, to supplement or amend the Shelf Registration Statement, as required by Section 3(b) below, and to furnish to the Holders of Registrable Securities copies of any such supplement or amendment promptly after its being used or filed with the SEC.

2.3 Expenses. The Company shall pay all Registration Expenses in connection with the registration pursuant to Section 2.1 or 2.2. Each Holder shall pay all underwriting discounts and commissions and transfer taxes, if any, relating to the sale or disposition of such Holder's Registrable Securities pursuant to the Shelf Registration Statement.

2.4. Effectiveness. (a) The Company will be deemed not to have used its reasonable best efforts to cause the Exchange Offer Registration Statement or the Shelf Registration Statement, as the case may be, to become, or to remain, effective during the requisite period if the Company voluntarily takes any action that would, or omits to take any action which omission would, result in any such Registration Statement not being declared effective or in the Holders of Registrable Securities covered thereby not being able to exchange or offer and sell such Registrable Securities during that period as and to the extent contemplated hereby, unless such action is required by applicable law.

(b) An Exchange Offer Registration Statement pursuant to Section 2.1 hereof or a Shelf Registration Statement pursuant to Section 2.2 hereof will not be deemed to have become effective unless it has been declared effective by the SEC; provided, however, that if, after it has been declared effective, the offering of Registrable Securities pursuant to an Exchange Offer Registration Statement or a Shelf Registration Statement is interfered with by any stop order, injunction or other order or requirement of the SEC or any other governmental agency or court, such Registration Statement will be deemed not to have become effective during the period of such interference, until the offering of Registrable Securities pursuant to such Registration Statement may legally resume.

2.5 Interest. In the event that either (a) the Exchange Offer Registration Statement is not filed with the Commission on or prior to the 105th calendar day following the Closing Date, (b) the Exchange Offer Registration Statement has not been

declared effective on or prior to the 150th calendar day following the Closing Date, (c) the Exchange Offer is not consummated on or prior to the 180th calendar day following the Closing Date, or (d) a Shelf Registration Statement is not declared effective on or prior to the 210th calendar day following the Closing Date (each such event referred to in clauses (a) through (d) above, a "Registration Default"), the interest rate borne by the Securities shall be increased ("Additional Interest") by one-quarter of one percent per annum upon the occurrence of each Registration Default, which rate will increase by one quarter of one percent each 90-day period that such Additional Interest continues to accrue under any such circumstance, provided that the maximum aggregate increase in the interest rate will in no event exceed one-half of one percent (0.50%) per annum. Following the cure of all Registration Defaults the accrual of Additional Interest will cease and the interest rate will revert to the original rate.

If the Shelf Registration Statement is unusable by the Holders for any reason (including without limitation any of the reasons described in clauses (A) or (B) of Section 2.2(b)) and the aggregate number of days in any consecutive twelve-month period for which the Shelf Registration Statement shall not be usable exceeds 45 days in the aggregate, then the interest rate borne by the Securities will be increased by 0.25% per annum of the principal amount of the Securities for the first 90-day period (or portion thereof) beginning on the 46th such date that such Shelf Registration Statement ceases to be usable, which rate shall be increased by an additional 0.25% per annum of the principal amount of the Securities at the beginning of each subsequent 90-day period, provided that the maximum aggregate increase in the interest rate will in no event exceed one-half of one percent (0.50%) per annum. Any amounts payable under this paragraph shall also be deemed "Additional Interest" for purposes of this Agreement. Upon the Shelf Registration Statement once again becoming usable, the interest rate borne by the Securities will be reduced to the original interest rate if the Company is otherwise in compliance with this Agreement at such time. Additional Interest shall be computed based on the actual number of days elapsed in each 90-day period in which the Shelf Registration Statement is unusable.

The Company shall notify the Trustee within three business days after each and every date on which an event occurs in respect of which Additional Interest is required to be paid (an "Event Date"). Additional Interest shall be paid by depositing with the Trustee, in trust, for the benefit of the Holders of Registrable Securities, on or before the applicable semiannual interest payment date, immediately available funds in sums sufficient to pay the Additional Interest then due. The Additional Interest due shall be payable on each interest payment date to the record Holder of Securities entitled to receive the interest payment to be paid on such date as set forth in the Indenture. Each obligation to pay Additional Interest shall be deemed to accrue from and including the day following the applicable Event Date.

3. Registration Procedures.

In connection with the obligations of the Company with respect to Registration Statements pursuant to Sections 2.1 and 2.2 hereof, the Company shall:

(a) prepare and file with the SEC a Registration Statement, within the relevant time period specified in Section 2, on the appropriate form under the 1933 Act, which form (i) shall be selected by the Company, (ii) shall, in the case of a Shelf Registration, be available for the sale of the Registrable Securities by the selling Holders thereof, (iii) shall comply as to form in all material respects with the requirements of the applicable form and include or incorporate by reference all financial statements required by the SEC to be filed therewith or incorporated by reference therein, and (iv) shall comply in all respects with the requirements of Regulation S-T under the 1933 Act, and use its reasonable best efforts to cause such Registration Statement to become effective and remain effective in accordance with Section 2 hereof;

(b) prepare and file with the SEC such amendments and post-effective amendments to each Registration Statement as may be necessary under applicable law to keep such Registration Statement effective for the applicable period; and cause each Prospectus to be supplemented by any required prospectus supplement, and as so supplemented to be filed pursuant to Rule 424 (or any similar provision then in force) under the 1933 Act and comply with the provisions of the 1933 Act, the 1934 Act and the rules and regulations thereunder applicable to them with respect to the disposition of all securities covered by each Registration Statement during the applicable period in accordance with the intended method or methods of distribution by the selling Holders thereof (including sales by any Participating Broker-Dealer);

(c) in the case of a Shelf Registration, (i) notify each Holder of Registrable Securities, at least five business days prior to filing, that a Shelf Registration Statement with respect to the Registrable Securities is being filed and advising such Holders that the distribution of Registrable Securities will be made in accordance with the method selected by the Majority Holders participating in the Shelf Registration; (ii) furnish to each Holder of Registrable Securities and to each underwriter of an underwritten offering of Registrable Securities, if any, without charge, as many copies of each Prospectus, including each preliminary Prospectus, and any amendment or supplement thereto and such other documents as such Holder or underwriter may reasonably request, including financial

statements and schedules and, if the Holder so requests, all exhibits in order to facilitate the public sale or other disposition of the Registrable Securities; and (iii) hereby consent to the use of the Prospectus or any amendment or supplement thereto by each of the selling Holders of Registrable Securities in connection with the offering and sale of the Registrable Securities covered by the Prospectus or any amendment or supplement thereto;

(d) use its reasonable best efforts to register or qualify the Registrable Securities under all applicable state securities or "blue sky" laws of such jurisdictions as any Holder of Registrable Securities covered by a Registration Statement and each underwriter of an underwritten offering of Registrable Securities shall reasonably request by the time the applicable Registration Statement is declared effective by the SEC, and do any and all other acts and things which may be reasonably necessary or advisable to enable each such Holder and underwriter to consummate the disposition in each such jurisdiction of such Registrable Securities owned by such Holder; provided, however, that the Company shall not be required to (i) qualify as a foreign corporation or as a dealer in securities in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(d), or (ii) take any action which would subject it to general service of process or taxation in any such jurisdiction where it is not then so subject;

(e) notify promptly each Holder of Registrable Securities under a Shelf Registration or any Participating Broker-Dealer who has notified the Company that it is utilizing the Exchange Offer Registration Statement as provided in paragraph (f) below and, if requested by such Holder or Participating Broker-Dealer, confirm such advice in writing promptly (i) when a Registration Statement has become effective and when any post-effective amendments and supplements thereto become effective, (ii) of any request by the SEC or any state securities authority for post-effective amendments and supplements to a Registration Statement and Prospectus or for additional information after the Registration Statement has become effective, (iii) of the issuance by the SEC or any state securities authority of any stop order suspending the effectiveness of a Registration Statement or the initiation of any proceedings for that purpose, (iv) in the case of a Shelf Registration, if, between the effective date of a Registration Statement and the closing of any sale of Registrable Securities covered thereby, the representations and warranties of the Company contained in any underwriting agreement, securities sales agreement or other similar agreement, if any, relating to the offering cease to be true and correct in all material respects, (v) of the happening of any event or the discovery of any

facts during the period a Shelf Registration Statement is effective which makes any statement made in such Registration Statement or the related Prospectus untrue in any material respect or which requires the making of any changes in such Registration Statement or Prospectus in order to make the statements therein not misleading, (vi) of the receipt by the Company of any notification with respect to the suspension of the qualification of the Registrable Securities or the Exchange Securities, as the case may be, for sale in any jurisdiction or the initiation or threatening of any proceeding for such purpose and (vii) of any determination by the Company that a post-effective amendment to such Registration Statement would be appropriate;

(f) (A) in the case of the Exchange Offer Registration Statement (i) include in the Exchange Offer Registration Statement a section entitled "Plan of Distribution" which section shall be reasonably acceptable to the Initial Purchaser on behalf of the Participating Broker-Dealers, and which shall contain a summary statement of the positions taken or policies made by the staff of the SEC with respect to the potential "underwriter" status of any broker-dealer that holds Registrable Securities acquired for its own account as a result of market-making activities or other trading activities and that will be the beneficial owner (as defined in Rule 13d-3 under the Exchange Act) of Exchange Securities to be received by such broker-dealer in the Exchange Offer, whether such positions or policies have been publicly disseminated by the staff of the SEC or such positions or policies, in the reasonable judgment of the Initial Purchaser on behalf of the Participating Broker-Dealers and its counsel, represent the prevailing views of the staff of the SEC, including a statement that any such broker-dealer who receives Exchange Securities for Registrable Securities pursuant to the Exchange Offer may be deemed a statutory underwriter and must deliver a prospectus meeting the requirements of the 1933 Act in connection with any resale of such Exchange Securities, (ii) furnish to each Participating Broker-Dealer who has delivered to the Company the notice referred to in Section 3(e), without charge, as many copies of each Prospectus included in the Exchange Offer Registration Statement, including any preliminary prospectus, and any amendment or supplement thereto, as such Participating Broker-Dealer may reasonably request, (iii) hereby consent to the use of the Prospectus forming part of the Exchange Offer Registration Statement or any amendment or supplement thereto, by any Person subject to the prospectus delivery requirements of the SEC, including all Participating Broker-Dealers, in connection with the sale or transfer of the Exchange Securities covered by the Prospectus or any amendment or supplement thereto, and (iv) include in the transmittal letter or similar

documentation to be executed by an exchange offeree in order to participate in the Exchange Offer (x) the following provision:

"If the exchange offeree is a broker-dealer holding Registrable Securities acquired for its own account as a result of market-making activities or other trading activities, it will deliver a prospectus meeting the requirements of the 1933 Act in connection with any resale of Exchange Securities received in respect of such Registrable Securities pursuant to the Exchange Offer;" and

(y) a statement to the effect that by a broker-dealer making the acknowledgment described in clause (x) and by delivering a Prospectus in connection with the exchange of Registrable Securities, the broker-dealer will not be deemed to admit that it is an underwriter within the meaning of the 1933 Act; and

(B) in the case of any Exchange Offer Registration Statement, the Company agrees to use its reasonable best efforts to cause to be delivered to the Initial Purchaser on behalf of the Participating Broker-Dealers upon the effectiveness of the Exchange Offer Registration Statement a comfort letter or comfort letters in customary form to the extent permitted by Statement on Auditing Standards No. 72 of the American Institute of Certified Public Accountants (or if such a comfort letter is not permitted, an agreed upon procedures letter in customary form) from the Company's independent certified public accountants (and, if necessary, any other independent certified public accountants of any subsidiary of the Company or of any business acquired by the Company for which financial statements are, or are required to be, included in the Registration Statement) at least as broad in scope and coverage as the comfort letter or comfort letters delivered to the Initial Purchaser in connection with the initial sale of the Securities to the Initial Purchaser;

(g) (i) in the case of an Exchange Offer, furnish to one firm of legal counsel for the Initial Purchaser and (ii) in the case of a Shelf Registration, furnish to one firm of legal counsel for the Holders of Registrable Securities copies of any comment letters received from the SEC or any other request by the SEC or any state securities authority for amendments or supplements to a Registration Statement and Prospectus or for additional information;

(h) make every reasonable effort to obtain the withdrawal of any order suspending the effectiveness of a Registration Statement as soon as practicable;

(i) in the case of a Shelf Registration, furnish to each Holder of Registrable Securities, and each underwriter, if any, without charge, at least one conformed copy of each Registration Statement and any post-effective amendment thereto, including financial statements and schedules (without documents incorporated therein by reference and all exhibits thereto, unless requested);

(j) in the case of a Shelf Registration, cooperate with the selling Holders of Registrable Securities to facilitate the timely preparation and delivery of certificates representing Registrable Securities to be sold and not bearing any restrictive legends; and enable such Registrable Securities to be in such denominations (consistent with the provisions of the Indenture) and registered in such names as the selling Holders or the underwriters, if any, may reasonably request at least three business days prior to the closing of any sale of Registrable Securities;

(k) in the case of a Shelf Registration, upon the occurrence of any event or the discovery of any facts, each as contemplated by Sections 3(e)(v) and 3(e)(vi) hereof, as promptly as practicable after the occurrence of such an event, use its reasonable best efforts to prepare a supplement or post-effective amendment to the Registration Statement or the related Prospectus or any document incorporated therein by reference or file any other required document so that, as thereafter delivered to the purchasers of the Registrable Securities or Participating Broker-Dealers, such Prospectus will not contain at the time of such delivery any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading or will remain so qualified. At such time as such public disclosure is otherwise made or the Company determines that such disclosure is not necessary, in each case to correct any misstatement of a material fact or to include any omitted material fact, the Company agrees promptly to notify each Holder of such determination and to furnish each Holder such number of copies of the Prospectus as amended or supplemented, as such Holder may reasonably request;

(m) obtain a CUSIP number for all Exchange Securities or Registrable Securities, as the case may be, not later than the effective date of a Registration Statement, and provide the Trustee with any necessary printed certificates for the Exchange Securities or the Registrable Securities, as the case may be, in a form eligible for deposit with the Depositary;

(n) (i) use its reasonable best efforts cause the Indenture to be qualified under the TIA in connection with the registration of the Exchange Securities or Registrable Securities, as the case may be, (ii) cooperate with the Trustee and the Holders to effect such changes to the Indenture as may be required for the Indenture to be so qualified in accordance with the terms of the TIA and (iii) execute, and use its reasonable best efforts to cause the Trustee to execute, all documents as may be required to effect such changes, and all other forms and documents required to be filed with the SEC to enable the Indenture to be so qualified in a timely manner;

(o) in the case of a Shelf Registration, enter into agreements (including underwriting agreements) and take all other customary and appropriate actions in order to expedite or facilitate the disposition of such Registrable Securities and in such connection whether or not an underwriting agreement is entered into and whether or not the registration is an underwritten registration:

(i) make such representations and warranties to the Holders of such Registrable Securities and the underwriters, if any, in form, substance and scope as are customarily made by issuers to underwriters in similar underwritten offerings as may be reasonably requested by them;

(ii) obtain opinions of counsel to the Company and updates thereof (which counsel and opinions (in form, scope and substance) shall be reasonably satisfactory to the managing underwriters, if any, and the holders of a majority in principal amount of the Registrable Securities being sold) addressed to each selling Holder and the underwriters, if any, covering the matters customarily covered in opinions requested in sales of securities or underwritten offerings and such other matters as may be reasonably requested by such Holders and underwriters;

(iii) obtain "cold comfort" letters and updates thereof from the Company's independent certified public accountants (and, if necessary, any other independent certified public accountants of any subsidiary of the Company or of any business acquired by the Company for which financial statements are, or are required to be, included in the Registration Statement) addressed to the underwriters, if any, and use reasonable efforts to have such letter addressed to the selling Holders of Registrable Securities (to the extent consistent with Statement on Auditing Standards No. 72 of the

American Institute of Certified Public Accounts), such letters to be in customary form and covering matters of the type customarily covered in "cold comfort" letters to underwriters in connection with similar underwritten offerings;

(iv) if requested by the Majority Holders, enter into a securities sales agreement with the Holders and an agent of the Holders providing for, among other things, the appointment of such agent for the selling Holders for the purpose of soliciting purchases of Registrable Securities, which agreement shall be in form, substance and scope customary for similar offerings;

(v) if an underwriting agreement is entered into, cause the same to set forth indemnification provisions and procedures substantially equivalent to the indemnification provisions and procedures set forth in Section 4 hereof with respect to the underwriters and all other parties to be indemnified pursuant to said Section or, at the request of any underwriters, in the form customarily provided to such underwriters in similar types of transactions; and

(vi) deliver such documents and certificates as may be reasonably requested and as are customarily delivered in similar offerings to the Holders of a majority in principal amount of the Registrable Securities being sold and the managing underwriters, if any.

The above shall be done at (i) the effectiveness of such Registration Statement (and each post-effective amendment thereto) and (ii) each closing under any underwriting or similar agreement as and to the extent required thereunder;

(p) in the case of a Shelf Registration, make available for inspection by representatives of the Holders of the Registrable Securities, one firm of legal counsel and one accountant retained by such representatives, representatives of the underwriters participating in any disposition pursuant to a Shelf Registration Statement, and one firm of legal counsel and one accountant retained by such representatives, all financial and other records, pertinent corporate documents and properties of the Company reasonably requested by any such persons, and cause the respective officers, directors, employees, and any other agents of the Company to supply all information reasonably requested by any such representative, underwriter, special counsel or accountant in connection

with a Registration Statement, and make such representatives of the Company available for discussion of such documents as shall be reasonably requested by the Initial Purchaser; provided that any such records, documents, properties and such information shall be kept confidential by any such Persons and shall be used only in connection with such Registration Statement, unless disclosure thereof is made in connection with a court proceeding or required by law or such records, documents, properties or information (i) is already in the possession of such Persons and was obtained by such Persons without an accompanying obligation of confidentiality or (ii) has become available (not in violation of this agreement) to the public generally or through a third party without an accompanying obligation of confidentiality, and the Company shall be entitled to request that such Persons sign a customary confidentiality agreement to the foregoing effect in a form reasonably acceptable to the parties thereto;

(q) (i) in the case of an Exchange Offer Registration Statement, a reasonable time prior to the filing of any Exchange Offer Registration Statement, any Prospectus forming a part thereof, any amendment to an Exchange Offer Registration Statement or amendment or supplement to such Prospectus, provide copies of such document to the Initial Purchaser and to one firm of legal counsel to the Holders of Registrable Securities and make such changes in any such document prior to the filing thereof as the Initial Purchaser or such counsel to the Holders of Registrable Securities may reasonably request and, except as otherwise required by applicable law, not file any such document in a form to which the Initial Purchaser on behalf of the Holders of Registrable Securities and one firm of legal counsel to the Holders of Registrable Securities shall not have previously been advised and furnished a copy of or to which the Initial Purchaser on behalf of the Holders of Registrable Securities or such counsel to the Holders of Registrable Securities shall reasonably object within a reasonable time period, and make the representatives of the Company available for discussion of such documents as shall be reasonably requested by the Initial Purchaser; and

(ii) in the case of a Shelf Registration, a reasonable time prior to filing any Shelf Registration Statement, any Prospectus forming a part thereof, any amendment to such Shelf Registration Statement or amendment or supplement to such Prospectus, provide copies of such document to the Holders of Registrable Securities, to the Initial Purchaser, to one firm of legal counsel for the Holders and to the underwriter or underwriters of an underwritten offering of

Registrable Securities, if any, make such changes in any such document prior to the filing thereof as the Initial Purchaser, the counsel to the Holders or the underwriter or underwriters reasonably request and not file any such document in a form to which the Majority Holders, the Initial Purchaser on behalf of the Holders of Registrable Securities, counsel for the Holders of Registrable Securities or any underwriter shall not have previously been advised and furnished a copy of or to which the Majority Holders, the Initial Purchaser on behalf of the Holders of Registrable Securities, counsel to the Holders of Registrable Securities or any underwriter shall reasonably object, and make the representatives of the Company available for discussion of such document as shall be reasonably requested by the Holders of Registrable Securities, the Initial Purchaser on behalf of such Holders, counsel for the Holders of Registrable Securities or any underwriter.

(r) otherwise use its reasonable best efforts to comply with all applicable rules and regulations of the SEC and make available to its security holders, as soon as reasonably practicable, an earnings statement covering at least 12 months which shall satisfy the provisions of Section 11(a) of the 1933 Act and Rule 158 thereunder;

(s) cooperate and assist in any filings required to be made with the NASD and, in the case of a Shelf Registration, in the performance of any due diligence investigation by any underwriter and its counsel (including any "qualified independent underwriter" that is required to be retained in accordance with the rules and regulations of the NASD); and

In the case of a Shelf Registration Statement, the Company may (as a condition to such Holder's participation in the Shelf Registration) require each Holder of Registrable Securities to furnish to the Company such information regarding the Holder and the proposed distribution by such Holder of such Registrable Securities as the Company may from time to time reasonably request in writing.

In the case of a Shelf Registration Statement, each Holder agrees that, upon receipt of any notice from the Company of the happening of any event or the discovery of any facts, each of the kind described in Section 3(e)(v) hereof, such Holder will forthwith discontinue disposition of Registrable Securities pursuant to a Registration Statement until such Holder's receipt of the copies of the supplemented or amended Prospectus contemplated by Section 3(k) hereof, and, if so directed by the Company, such Holder will deliver to the Company (at its expense) all copies in such Holder's possession, other than permanent file copies then in such Holder's possession, of the

Prospectus covering such Registrable Securities current at the time of receipt of such notice.

In the event that the Company fails to effect the Exchange Offer or file any Shelf Registration Statement and maintain the effectiveness of any Shelf Registration Statement as provided herein, the Company shall not file any Registration Statement with respect to the registration or offer to exchange any senior debt securities (within the meaning of Section 2(1) of the 1933 Act) of the Company (other than Registrable Securities) that are issued and sold after the date hereof pursuant to Rule 144A under the 1993 Act.

If any of the Registrable Securities covered by any Shelf Registration Statement are to be sold in an underwritten offering, the underwriter or underwriters and manager or managers that will manage such offering will be selected by the Company and shall be acceptable to the Majority Holders of Registrable Securities included in such offering. No Holder of Registrable Securities may participate in any underwritten registration hereunder unless such Holder (a) agrees to sell such Holder's Registrable Securities on the basis provided in any underwriting arrangements approved by the persons entitled hereunder to approve such arrangements and (b) completes and executes all questionnaires, powers of attorney, indemnities, underwriting agreements and other documents required under the terms of such underwriting arrangements.

4. Indemnification; Contribution.

(a) The Company agrees to indemnify and hold harmless the Initial Purchaser, each Holder, each Participating Broker-Dealer, each Person who participates as an underwriter (any such Person being an "Underwriter") and each Person, if any, who controls any Holder or Underwriter within the meaning of Section 15 of the 1933 Act or Section 20 of the 1934 Act as follows:

(i) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, arising out of any untrue statement or alleged untrue statement of a material fact contained in any Registration Statement (or any amendment or supplement thereto) pursuant to which Exchange Securities or Registrable Securities were registered under the 1933 Act, including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading, or arising out of any untrue statement or alleged untrue statement of a material fact contained in any Prospectus (or any amendment or supplement

thereto) or the omission or alleged omission therefrom of a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(ii) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, to the extent of the aggregate amount paid in settlement of any litigation, or any investigation or proceeding by any governmental agency or body, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission; provided that (subject to Section 4(d) below) any such settlement is effected with the written consent of the Company; and

(iii) against any and all expense whatsoever, as incurred (including the fees and disbursements of one firm of legal counsel chosen by each indemnified party), reasonably incurred in investigating, preparing or defending against any litigation, or any investigation or proceeding by any governmental agency or body, commenced or threatened, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, to the extent that any such expense is not paid under subparagraph (i) or (ii) above;

provided, however, that this indemnity agreement shall not apply to any loss, liability, claim, damage or expense to the extent arising out of any untrue statement or omission or alleged untrue statement or omission (i) made in reliance upon and in conformity with written information furnished to the Company by the Holder or Underwriter expressly for use in a Registration Statement (or any amendment thereto) or any Prospectus (or any amendment or supplement thereto) or (ii) if the Person asserting any such loss, liability, claim, damage or expense was not sent or given a copy of the final Prospectus (or any amendment or supplement thereto) (in each case exclusive of the documents from which information is incorporated by reference) at or prior to the sale of such Registrable Securities to such Person (other than as a result of the failure by the Company to comply with its obligations under Section 3(c) hereof) and the untrue statement contained in or omitted from such final Prospectus was subsequently corrected in the final Prospectus (or any amendment or supplement thereto).

(b) Each Holder severally, but not jointly, agrees to indemnify and hold harmless the Company, the Initial Purchaser, each Underwriter and the other selling Holders, and each of their respective directors and officers, and each Person, if any, who controls the Company, the Initial Purchaser, any Underwriter or any other selling Holder within the meaning

of Section 15 of the 1933 Act or Section 20 of the 1934 Act, against any and all loss, liability, claim, damage and expense described in the indemnity contained in Section 4(a) hereof, as incurred, but only with respect to untrue statements or omissions, or alleged untrue statements or omissions, made in the Shelf Registration Statement (or any amendment thereto) or any Prospectus included therein (or any amendment or supplement thereto) in reliance upon and in conformity with written information with respect to such Holder furnished to the Company by such Holder expressly for use in the Shelf Registration Statement (or any amendment thereto) or such Prospectus (or any amendment or supplement thereto); provided, however, that no such Holder shall be liable for any claims hereunder in excess of the amount of net proceeds received by such Holder from the sale of Registrable Securities pursuant to such Shelf Registration Statement.

(c) Each indemnified party shall give notice as promptly as reasonably practicable to each indemnifying party of any action or proceeding commenced against it in respect of which indemnity may be sought hereunder, but failure so to notify an indemnifying party shall not relieve such indemnifying party from any liability hereunder to the extent it is not materially prejudiced as a result thereof and in any event shall not relieve it from any liability which it may have otherwise than on account of this indemnity agreement. An indemnifying party may participate at its own expense in the defense of such action; provided, however, that counsel to the indemnifying party shall not (except with the consent of the indemnified party) also be counsel to the indemnified party. In no event shall the indemnifying party or parties be liable for the fees and expenses of more than one counsel (in addition to any local counsel) separate from their own counsel for all indemnified parties in connection with any one action or separate but similar or related actions in the same jurisdiction arising out of the same general allegations or circumstances. No indemnifying party shall, without the prior written consent of the indemnified parties, settle or compromise or consent to the entry of any judgment with respect to any litigation, or any investigation or proceeding by any governmental agency or body, commenced or threatened, or any claim whatsoever in respect of which indemnification or contribution could be sought under this Section 4 (whether or not the indemnified parties are actual or potential parties thereto), unless such settlement, compromise or consent (i) includes an unconditional release of each indemnified party from all liability arising out of such litigation, investigation, proceeding or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act by or on behalf of any indemnified party.

(d) If at any time an indemnified party shall have requested an indemnifying party to reimburse the indemnified party for fees and expenses of counsel, such indemnifying party agrees that it shall be liable for any settlement of the nature contemplated by Section 4(a)(ii) effected without its written consent if (i) such settlement is entered into more than 45 days after receipt by such indemnifying party of the aforesaid request, (ii) such indemnifying party shall have received notice of the terms of such settlement at least 30 days prior to such settlement being entered into and (iii) such indemnifying party shall not have reimbursed such indemnified party in accordance with such request prior to the date of such settlement.

(e) If the indemnification provided for in this Section 4 is for any reason unavailable to or insufficient to hold harmless an indemnified party in respect of any losses, liabilities, claims, damages or expenses referred to therein, then each indemnifying party shall contribute to the aggregate amount of such losses, liabilities, claims, damages and expenses incurred by such indemnified party, as incurred, in such proportion as is appropriate to reflect the relative fault of the Company on the one hand and the Holders and the Initial Purchaser on the other hand in connection with the statements or omissions which resulted in such losses, liabilities, claims, damages or expenses, as well as any other relevant equitable considerations.

The relative fault of the Company on the one hand and the Holders and the Initial Purchaser on the other hand shall be determined by reference to, among other things, whether any such untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact relates to information supplied by the Company, the Holders or the Initial Purchaser and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.

The Company, the Holders and the Initial Purchaser agree that it would not be just and equitable if contribution pursuant to this Section 4 were determined by pro rata allocation or by any other method of allocation which does not take account of the equitable considerations referred to above in this Section 4. The aggregate amount of losses, liabilities, claims, damages and expenses incurred by an indemnified party and referred to above in this Section 4 shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in investigating, preparing or defending against any litigation, or any investigation or proceeding by any governmental agency or body, commenced or threatened, or any claim whatsoever based upon any such untrue or alleged untrue statement or omission or alleged omission.

Notwithstanding the provisions of this Section 4, the Initial Purchaser shall not be required to contribute any amount in excess of the amount by which the total price at which the Securities sold by it were offered exceeds the amount of any damages which the Initial Purchaser has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission.

No Person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the 1933 Act) shall be entitled to contribution from any Person who was not guilty of such fraudulent misrepresentation.

For purposes of this Section 4, each Person, if any, who controls an Initial Purchaser or Holder within the meaning of Section 15 of the 1933 Act or Section 20 of the 1934 Act shall have the same rights to contribution as such Initial Purchaser or Holder, and each director of the Company, and each Person, if any, who controls the Company within the meaning of Section 15 of the 1933 Act or Section 20 of the 1934 Act shall have the same rights to contribution as the Company.

5. Miscellaneous.

5.1 Rule 144 and Rule 144A. For so long as the Company is subject to the reporting requirements of Section 13 or 15 of the 1934 Act, the Company covenants that it will file the reports required to be filed by it under Section 13(a) or 15(d) of the 1934 Act and the rules and regulations adopted by the SEC thereunder. If the Company ceases to be so required to file such reports, the Company covenants that it will upon the request of any Holder of Registrable Securities (a) make publicly available such information as is necessary to permit sales pursuant to Rule 144 under the 1933 Act, (b) deliver such information to a prospective purchaser as is necessary to permit sales pursuant to Rule 144A under the 1933 Act and it will take such further action as any Holder of Registrable Securities may reasonably request, and (c) take such further action that is reasonable in the circumstances, in each case, to the extent required from time to time to enable such Holder to sell its Registrable Securities without registration under the 1933 Act within the limitation of the exemptions provided by (i) Rule 144 under the 1933 Act, as such Rule may be amended from time to time, (ii) Rule 144A under the 1933 Act, as such Rule may be amended from time to time, or (iii) any similar rules or regulations hereafter adopted by the SEC. Upon the request of any Holder of Registrable Securities, the Company will deliver to such Holder a written statement as to whether it has complied with such requirements.

5.2 No Inconsistent Agreements. The Company has not entered into and the Company will not after the date of this Agreement enter into any agreement which is inconsistent with the rights granted to the Holders of Registrable Securities in this Agreement or otherwise conflicts with the provisions hereof. The rights granted to the

Holders hereunder do not and will not for the term of this Agreement in any way conflict with the rights granted to the holders of the Company's other issued and outstanding securities under any such agreements.

5.3 Amendments and Waivers. The provisions of this Agreement, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions hereof may not be given unless the Company has obtained the written consent of Holders of at least a majority in aggregate principal amount of the outstanding Registrable Securities affected by such amendment, modification, supplement, waiver or departure.

5.4 Notices. All notices and other communications provided for or permitted hereunder shall be made in writing by hand delivery, registered first-class mail, telex, telecopier, or any courier guaranteeing overnight delivery (a) if to a Holder, at the most current address given by such Holder to the Company by means of a notice given in accordance with the provisions of this Section 5.4, which address initially is the address set forth in the Purchase Agreement with respect to the Initial Purchaser; and (b) if to the Company, initially at the Company's address set forth in the Purchase Agreement, and thereafter at such other address of which notice is given in accordance with the provisions of this Section 5.4.

All such notices and communications shall be deemed to have been duly given: at the time delivered by hand, if personally delivered; two business days after being deposited in the mail, postage prepaid, if mailed; when answered back, if telexed; when receipt is acknowledged, if telecopied; and on the next business day if timely delivered to an air courier guaranteeing overnight delivery.

Copies of all such notices, demands, or other communications shall be concurrently delivered by the person giving the same to the Trustee under the Indenture, at the address specified in such Indenture.

5.5 Successor and Assigns. This Agreement shall inure to the benefit of and be binding upon the successors, assigns and transferees of each of the parties, including, without limitation and without the need for an express assignment, subsequent Holders; provided, however, that nothing herein shall be deemed to permit any assignment, transfer or other disposition of Registrable Securities in violation of the terms of the Purchase Agreement or the Indenture. If any transferee of any Holder shall acquire Registrable Securities, in any manner, whether by operation of law or otherwise, such Registrable Securities shall be held subject to all of the terms of this Agreement, and by taking and holding such Registrable Securities such person shall be conclusively deemed to have agreed to be bound by and to perform all of the terms and provisions of this Agreement, including the restrictions on resale set forth in this Agreement and, if

applicable, the Purchase Agreement, and such person shall be entitled to receive the benefits hereof.

5.6 Third Party Beneficiaries. The Initial Purchaser (even if the Initial Purchaser is not a Holder of Registrable Securities) shall be a third party beneficiary to the agreements made hereunder between the Company, on the one hand, and the Holders, on the other hand, and shall have the right to enforce such agreements directly to the extent they deem such enforcement necessary or advisable to protect their rights or the rights of Holders hereunder. Each Holder of Registrable Securities shall be a third party beneficiary to the agreements made hereunder between the Company, on the one hand, and the Initial Purchaser, on the other hand, and shall have the right to enforce such agreements directly to the extent it deems such enforcement necessary or advisable to protect its rights hereunder.

5.7. Specific Enforcement. Without limiting the remedies available to the Initial Purchaser and the Holders, the Company acknowledges that any failure by the Company to comply with its obligations under Sections 2.1 through 2.4 hereof may result in material irreparable injury to the Initial Purchaser or the Holders for which there is no adequate remedy at law, that it would not be possible to measure damages for such injuries precisely and that, in the event of any such failure, the Initial Purchaser or any Holder may obtain such relief as may be required to specifically enforce the Company's obligations under Sections 2.1 through 2.4 hereof.

5.8. Restriction on Resales. Until the expiration of two years after the original issuance of the Securities, the Company will not, and will cause its "affiliates" (as such term is defined in Rule 144(a)(1) under the 1933 Act) not to, resell any Securities which are "restricted securities" (as such term is defined under Rule 144(a)(3) under the 1933 Act) that have been reacquired by any of them and shall immediately upon any purchase of any such Securities submit such Securities to the Trustee for cancellation.

5.9 Counterparts. This Agreement may be executed in any number of counterparts and by the parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

5.10 Headings. The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof.

5.11 GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAW OF

THE STATE OF NEW YORK WITHOUT REGARD TO THE PRINCIPLES OF CONFLICT OF LAWS
THEREOF.

5.12 Severability. In the event that any one or more of the provisions contained herein, or the application thereof in any circumstance, is held invalid, illegal or unenforceable, the validity, legality and enforceability of any such provision in every other respect and of the remaining provisions contained herein shall not be affected or impaired thereby.

IN WITNESS WHEREOF, the parties have executed this Agreement
as of the date first written above.

NATIONAL-OILWELL, INC.

By: _____
Name:
Title:

Confirmed and accepted as
of the date first above
written:

MERRILL LYNCH, PIERCE, FENNER & SMITH
INCORPORATED

BY: MERRILL LYNCH, PIERCE, FENNER & SMITH
INCORPORATED

By: _____
Name:
Title:

March 7, 2003

National-Oilwell, Inc.
10000 Richmond Avenue
Houston, Texas 77042

Ladies and Gentlemen:

We have acted as counsel to National-Oilwell, Inc., a Delaware corporation (the "Company"), in connection with the offer by the Company to exchange \$1,000 principal amount of its 5.65% Senior Notes due 2012, Series B (the "Exchange Notes") for each outstanding \$1,000 principal amount of its 5.65% Senior Notes due 2012 (the "Original Notes"), of which an aggregate of \$200,000,000 principal amount is outstanding (the "Exchange Offer"). The Company has filed with the Securities and Exchange Commission (the "Commission") a registration statement on Form S-4 (the "Registration Statement"), with respect to the Exchange Offer under the Securities Act of 1933, as amended (the "Securities Act").

We have examined originals or copies of the Registration Statement and of (a) the Indenture, dated as of November 22, 2002 (the "Indenture"), by and between the Company and The Bank of New York, as Trustee (the "Trustee"), pursuant to which the Original Notes were issued and the Exchange Notes will be issued; (b) the Amended and Restated Certificate of Incorporation of the Company, as amended to date; (c) the Bylaws of the Company, as amended to date; (d) certain resolutions of the Board of Directors of the Company; and (e) such other documents and records as we have deemed necessary and relevant for the purposes hereof. In addition, we have relied on certificates of officers of the Company, public officials and others as to certain matters of fact relating to this opinion and have made such investigations of law as we have deemed necessary and relevant as a basis hereof. In such examination, we have assumed the genuineness of all signatures, the authenticity of all documents and records submitted to us as originals, the conformity to authentic original documents and records of all documents and records submitted to us as copies, and the truthfulness of all statements of fact contained therein. We have also assumed the due execution and delivery of the Indenture and the due authentication of the Original Notes by a duly authorized officer of the Trustee.

Based on the foregoing and subject to the limitations, assumptions and qualifications set forth herein, and having due regard for such legal considerations as we deem relevant, we are of the opinion that:

1. The Company is validly existing and in good standing as a corporation under the laws of the State of Delaware; and

2. The Original Notes have been validly authorized and issued, the Exchange Notes have been validly authorized, and (subject to the Indenture being qualified under the Trust Indenture Act of 1939, as amended) when (i) the Exchange Notes have been duly executed (manually or in facsimile) by a duly authorized officer of the Company, (ii) the Exchange Notes have been duly authenticated by the Trustee under the Indenture, and (iii) Original Notes have been validly tendered and not withdrawn and accepted for exchange by the Company, all in accordance with the terms of the Exchange Offer as described in the Registration Statement, the Exchange Notes issued in exchange for such Original Notes in accordance with the terms of the Exchange Offer will be validly issued and legally binding obligations of the Company entitled to the benefits of the Indenture.

We hereby consent to the filing of this opinion with the Commission as Exhibit 5 to the Registration Statement and to the references to our firm under the heading "Validity of the Exchange Notes" in the Prospectus included in the Registration Statement. By giving such consent, we do not admit that we are experts with respect to any part of the Registration Statement, including this Exhibit, within the meaning of the term "expert" as used in the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/ Bracewell & Patterson, L.L.P.

Bracewell & Patterson, L.L.P.

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EXHIBIT 12

NATIONAL-OILWELL, INC.
 COMPUTATION OF CONSOLIDATED RATIOS OF EARNINGS TO FIXED CHARGES

(\$000's)	FISCAL YEAR ENDED DECEMBER 31,				
	2002	2001	2000	1999	1998
Earnings before Income Taxes	\$112,465	\$168,017	\$27,037	\$(14,859)	\$125,021
Fixed Charges:					
Interest Expense	\$ 24,136	\$ 22,873	\$17,298	\$ 14,083	\$ 13,106
Amortization of Debt Issuance Costs	634	481	1,281	191	181
Interest Portion of Rental Expense	3,180	2,844	1,897	2,151	1,545
Total Fixed Charges	\$ 27,950	\$ 26,198	\$20,476	\$ 16,425	\$ 14,832
Ratio of Earnings to Fixed Charges	5.0	7.4	2.3	0.1	9.4

CONSENT OF INDEPENDENT AUDITORS

We consent to the reference to our firm under the caption "Experts" in the Registration Statement (Form S-4) and related Prospectus of National Oilwell, Inc. for the registration of \$200,000,000 5.65% Senior Notes due 2012 and to the incorporation by reference therein of our report dated February 18, 2003, with respect to the consolidated financial statements of National Oilwell, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2002, filed with the Securities and Exchange Commission.

March 6, 2003
Houston, Texas

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 13-5160382
(State of incorporation (I.R.S. employer
if not a U.S. national bank) identification no.)
One Wall Street, New York, N.Y. 10286
(Address of principal executive offices) (Zip code)

NATIONAL-OILWELL, INC.
(Exact name of obligor as specified in its charter)

Delaware 76-0475815
(State or other jurisdiction of (I.R.S. employer
incorporation or organization) identification no.)
10000 Richmond Avenue
Houston, Texas 77042-4200
(Address of principal executive offices) (Zip code)

5.65% Senior Notes due 2012
(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. 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 (THE "ACT") AND 17 C.F.R. 229.10(d).

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 Act, 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 6th day of March, 2003.

THE BANK OF NEW YORK

By: /s/ VAN K. BROWN

Name: VAN K. BROWN
Title: VICE PRESIDENT

EXHIBIT 7

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 September 30, 2002, 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..	\$3,735,469
Interest-bearing balances.....	3,791,026
Securities:	
Held-to-maturity securities.....	1,140,688
Available-for-sale securities.....	15,232,384
Federal funds sold in domestic offices.....	1,286,657
Securities purchased under agreements to resell.....	1,035,718
Loans and lease financing receivables:	
Loans and leases held for sale.....	869,285
Loans and leases, net of unearned income.....	34,695,130
LESS: Allowance for loan and lease losses.....	645,382
Loans and leases, net of unearned income and allowance.....	34,049,748
Trading Assets.....	9,044,881
Premises and fixed assets (including capitalized leases).....	823,722
Other real estate owned.....	778
Investments in unconsolidated subsidiaries and associated companies.....	226,274
Customers' liability to this bank on acceptances outstanding.....	249,803
Intangible assets.....	
Goodwill.....	1,852,232
Other intangible assets.....	54,714
Other assets.....	4,961,572

Total assets.....	\$78,354,951 =====

LIABILITIES

Deposits:	
In domestic offices.....	\$32,962,289
Noninterest-bearing.....	12,792,415
Interest-bearing.....	20,169,874
In foreign offices, Edge and Agreement subsidiaries, and IBFs.....	24,148,516
Noninterest-bearing.....	445,725
Interest-bearing.....	23,702,791
Federal funds purchased in domestic offices.....	959,287
Securities sold under agreements to repurchase.....	491,806
Trading liabilities.....	2,916,377
Other borrowed money: (includes mortgage indebtedness and obligations under capitalized leases).....	1,691,634
Bank's liability on acceptances executed and outstanding.....	251,701
Subordinated notes and debentures.....	2,090,000
Other liabilities.....	5,815,688

Total liabilities.....	\$71,327,298
	=====
Minority interest in consolidated subsidiaries.....	500,019

EQUITY CAPITAL

Perpetual preferred stock and related surplus.....	0
Common stock.....	1,135,284
Surplus.....	1,056,724
Retained earnings.....	4,218,003
Accumulated other comprehensive income.....	(117,623)
Other equity capital components.....	0

Total equity capital.....	6,527,634

Total liabilities minority interest and equity capital.	\$78,354,951
	=====

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) Directors
Alan R. Griffith)

NATIONAL-OILWELL, INC.

NOTICE OF GUARANTEED DELIVERY

FOR TENDER FOR EXCHANGE OF
5.65% SENIOR NOTES DUE 2012

PURSUANT TO THE PROSPECTUS DATED _____, 2003

THE EXCHANGE AGENT FOR THE EXCHANGE OFFER IS:

THE BANK OF NEW YORK

BY REGISTERED OR CERTIFIED MAIL:

BY FACSIMILE:

BY HAND OR OVERNIGHT DELIVERY:

The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street - 7 East
New York, New York 10286

(Eligible Institutions Only)

(212) 298-1915

To Confirm by Telephone or
(212) 815-3738

The Bank of New York
Corporate Trust Operations
Reorganization Unit
101 Barclay Street
Corporate Trust Services Window

THE EXCHANGE AGENT MUST RECEIVE THIS FORM PRIOR TO THE EXPIRATION DATE WHICH IS _____, 2003, UNLESS EXTENDED.

DELIVERY OF THIS NOTICE OF GUARANTEED DELIVERY TO AN ADDRESS, OR TRANSMISSION VIA FACSIMILE, OTHER THAN AS SET FORTH ABOVE WILL NOT CONSTITUTE VALID DELIVERY.

As set forth under the caption "The Exchange Offer--Procedures for Tendering Original Notes--Guaranteed Delivery" in the Prospectus dated _____, 2003 (the "Prospectus") of National-Oilwell, Inc. (the "Company") and in Instruction 2 of the related Letter of Transmittal (the "Letter of Transmittal" and, together with the Prospectus, the "Exchange Offer"), this form must be used to accept the Company's offer to exchange its 5.65% Senior Notes due 2012, Series B for its 5.65% Senior Notes due 2012 (the "Original Notes") if time will not permit the Letter of Transmittal, certificates representing such Original Notes and other required documents to reach the Exchange Agent, or the procedures for book-entry transfer cannot be completed, on or prior to the Expiration Date. This form must be delivered by an Eligible Institution (as defined in the Prospectus) by mail or hand delivery, or transmitted, via facsimile, to the Exchange Agent as set forth above. All capitalized terms used herein but not defined herein shall have the meaning ascribed to them in the Prospectus.

THIS FORM IS NOT TO BE USED TO GUARANTEE SIGNATURES. IF A SIGNATURE ON THE LETTER OF TRANSMITTAL IS REQUIRED TO BE GUARANTEED BY AN "ELIGIBLE INSTITUTION" UNDER THE INSTRUCTIONS TO THE LETTER OF TRANSMITTAL, SUCH SIGNATURE GUARANTEE MUST APPEAR IN THE APPLICABLE SPACE PROVIDED IN THE LETTER OF TRANSMITTAL FOR GUARANTEE OF SIGNATURES.

Ladies and Gentlemen:

The undersigned hereby tender(s) to National-Oilwell, Inc. for exchange, upon the terms and subject to the conditions set forth in the Prospectus and the Letter of Transmittal, and the instructions thereto (receipt of which are hereby acknowledged), the principal amount of the Original Notes specified below pursuant to the guaranteed delivery procedures set forth under the caption "The Exchange Offer--Procedures for Tendering Original Notes--Guaranteed Delivery" of the Prospectus.

The undersigned understands that no withdrawal of a tender of Original Notes may be made on or after the Expiration Date. The undersigned understands that for a withdrawal of a tender of Original Notes to be effective, a written notice of withdrawal must be timely received by the Exchange Agent at one of its addresses specified on the cover of this Notice of Guaranteed Delivery prior to the Expiration Date.

The undersigned understands that payment by the Exchange Agent for Original Notes tendered and accepted for exchange pursuant to the Exchange Offer will be made only after timely receipt by the Exchange Agent of such Original Notes (or Book-Entry Confirmation of the transfer of such Original Notes into the Exchange Agent's account at DTC) and a Letter of Transmittal (or facsimile thereof) with respect to such Original Notes properly completed and duly executed, with any required signature guarantees and any other documents required by the Letter of Transmittal or a properly transmitted Agent's Message.

All authority conferred or agreed to be conferred by this Notice of Guaranteed Delivery shall not be affected by, and shall survive, the death or incapacity of the undersigned, and every obligation of the undersigned under this Notice of Guaranteed Delivery shall be binding upon the heirs, executors, administrators, trustees in bankruptcy, personal and legal representatives, successors and assigns of the undersigned.

PLEASE COMPLETE AND SIGN

	AGGREGATE PRINCIPAL	
	AMOUNT	
CERTIFICATE OR	REPRESENTED BY ORIGINAL	PRINCIPAL AMOUNT TENDERED
REGISTRATION NUMBERS	NOTE(S)	(MUST BE IN INTEGRAL MULTIPLES
		OF \$1,000)

If Original Notes will be tendered by book-entry transfer, please provide the following information:

DTC Account Number:_____

Transaction Code (if available):_____

Date:_____

PLEASE SIGN HERE

This Notice of Guaranteed Delivery must be signed by the Holder(s) exactly as their name(s) appear on certificate(s) for Original Notes, or if tendered by a participant in DTC exactly as such participant's name appears on a security position listing as the owner of Original Notes, or by person(s) authorized to become Holder(s) by endorsements and documents transmitted with this Notice of Guaranteed Delivery. If signature is by a trustee, executor, administrator, guardian, attorney-in-fact, officer or other person acting in a fiduciary or representative capacity, such person must provide the following information:

PLEASE PRINT NAME(S) AND ADDRESS(ES)

Signature(s) of Owner(s) or Authorized Signatory:_____

Name(s):_____

Capacity:_____

Address(es) and Telephone:_____

Taxpayer Identification Number or Social Security Number:_____

Date:_____

DO NOT SEND ORIGINAL NOTES WITH THIS FORM. NOTES SHOULD BE SENT TO THE EXCHANGE AGENT TOGETHER WITH A PROPERLY COMPLETED AND DULY EXECUTED LETTER OF TRANSMITTAL.

THE SIGNATURE GUARANTEE ON THE NEXT PAGE MUST BE COMPLETED.

GUARANTEE OF DELIVERY

(NOT TO BE USED FOR SIGNATURE GUARANTEE)

The undersigned, a recognized member of the Medallion Signature Guarantee Program or any other "eligible guarantor institution," as such term is defined in Rule 17Ad-15 promulgated under the Securities Exchange Act of 1934, as amended (each, an "Eligible Institution"), hereby (i) represents that the above-named persons are deemed to own the Original Notes tendered hereby within the meaning of Rule 14e-4 promulgated under the Securities Exchange Act of 1934, as amended ("Rule 14e-4"), (ii) represents that such tender of Original Notes complies with Rule 14e-4, and (iii) guarantees that the Original Notes tendered hereby in proper form for transfer (pursuant to the procedures set forth in the Prospectus under the caption "The Exchange Offer--Procedures for Tendering Notes--Guaranteed Delivery"), together with a properly completed and duly executed Letter of Transmittal (or manually signed facsimile thereof) with any required signature guarantee and any other documents required by the Letter of Transmittal or a properly transmitted Agent's Message, will be received by the Exchange Agent at one of its addresses set forth above within two business days after the date of execution hereof.

The Eligible Institution that completes this form must communicate the guarantee to the Exchange Agent and must deliver the Letter of Transmittal, or Agent's Message, and Original Notes to the Exchange Agent within the time period shown herein. Failure to do so could result in a financial loss to such Eligible Institution.

Name of Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Address: _____

(Zip Code)

Area Code and Telephone Number: _____

Dated: _____, 2003

DO NOT SEND CERTIFICATES REPRESENTING ORIGINAL NOTES WITH THIS FORM.
CERTIFICATES REPRESENTING ORIGINAL NOTES SHOULD BE SENT ONLY WITH A LETTER OF TRANSMITTAL.

NATIONAL-OILWELL, INC.

OFFER TO EXCHANGE
 5.65% SENIOR NOTES DUE 2012, SERIES B
 FOR
 5.65% SENIOR NOTES DUE 2012

THIS OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME,
 ON _____, _____, 2003, UNLESS EXTENDED.

To Brokers, Dealers, Commercial
 Banks, Trust Companies and
 Other Nominees:

We are enclosing herewith the materials listed below relating to the offer by National-Oilwell, Inc. (the "Company") to exchange up to \$200,000,000 aggregate principal amount of the Company's new 5.65% Senior Notes due 2012, Series B for any and all outstanding 5.65% Senior Notes due 2012, all as described in, and upon the terms and subject to the conditions set forth in, the Company's Prospectus dated _____, 2003, and the related Letter of Transmittal (which together constitute the "Exchange Offer").

For your information and for forwarding to your clients for whom you hold Notes registered in your name or in the name of your nominee, we are enclosing the following documents:

1. Prospectus dated _____, 2003.
2. The Letter of Transmittal for your use. A copy of the Letter of Transmittal is included in the Prospectus for the information of your clients.
3. Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9.
4. Notice of Guaranteed Delivery.

YOUR PROMPT ACTION IS REQUESTED. The Exchange Offer will expire at 5:00 p.m., New York city time, on _____, _____, 2003, unless extended by National-Oilwell, Inc., in its sole discretion (the "Expiration Date"). The 5.65% Senior Notes due 2012 tendered pursuant to the exchange offer may be withdrawn at any time before the Expiration Date.

The Exchange Offer is not conditioned upon any minimum number of original notes being tendered.

Any inquiries you may have with respect to the procedures for tendering pursuant to the Exchange Offer, or requests for additional copies of the enclosed materials, should be directed to the Exchange Agent, The Bank of New York, at (212) 815-3738.

Very truly yours,

National-Oilwell, Inc.

NOTHING CONTAINED HEREIN OR IN THE ENCLOSED DOCUMENTS SHALL CONSTITUTE YOU THE AGENT OF NATIONAL-OILWELL, INC. OR THE EXCHANGE AGENT OR AUTHORIZE YOU OR ANY OTHER PERSON TO USE ANY DOCUMENT OR MAKE ANY STATEMENT ON BEHALF OF ANY OF THEM IN CONNECTION WITH THE OFFER OTHER THAN THE DOCUMENTS ENCLOSED HERewith AND THE STATEMENTS CONTAINED THEREIN.