

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

FORM 11-K

ANNUAL REPORT
PURSUANT TO SECTION 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

(Mark One)

☒ ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF
1934 [NO FEE REQUIRED]

For the fiscal year ended December 31, 2000
OR

☐ TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT
OF 1934 [NO FEE REQUIRED]

For the transition period from to

Commission file number 1-13926

A. Full title of the plan and the address of the plan, if different from
that of the issuer named below:

DIAMOND OFFSHORE 401k PLAN

B. Name of issuer of the securities held pursuant to the plan and the
address of its principal executive office:

DIAMOND OFFSHORE DRILLING, INC.
15415 KATY FREEWAY
HOUSTON, TEXAS 77094

REQUIRED INFORMATION

Item 4.

The financial statements and schedules of the Diamond Offshore 401k Plan for the fiscal year ended December 31, 2000 (attached)

Exhibits

23.1 Consent of Deloitte & Touche LLP

AUDITED FINANCIAL STATEMENTS AND SCHEDULES

DIAMOND OFFSHORE 401k PLAN

Years ended December 31, 2000 and 1999 and
Supplemental Schedules for Year ended December 31, 2000
with Report of Independent Auditors

DIAMOND OFFSHORE 401k PLAN
Audited Financial Statements and Schedules

Years ended December 31, 2000 and 1999

CONTENTS

Report of Independent Auditors.....	1
Financial Statements	
Statements of Net Assets Available for Benefits, December 31, 2000 and 1999.....	2
Statements of Changes in Net Assets Available for Benefits for the Years ended December 31, 2000, 1999 and 1998.....	3
Notes to Financial Statements.....	4
ERISA Supplemental Schedule	
Schedule of Assets Held for Investment Purposes at End of Year, December 31, 2000.....	7

INDEPENDENT AUDITORS' REPORT

TO THE PARTICIPANTS AND ADMINISTRATIVE COMMITTEE
OF THE DIAMOND OFFSHORE 401k PLAN
HOUSTON, TEXAS

We have audited the accompanying statements of net assets available for benefits of the Diamond Offshore 401k Plan (the "Plan") as of December 31, 2000 and 1999, and the related statements of changes in net assets available for benefits for each of the three years ended December 31, 2000, 1999 and 1998. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2000 and 1999, and the changes in net assets available for benefits for each of the three years in the period ended December 31, 2000, 1999 and 1998 in conformity with accounting principles generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of assets (held at end of year), December 31, 2000 is presented for the purpose of additional analysis and is not a required part of the basic financial statements, but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employment Retirement Income Security Act of 1974. This schedule is the responsibility of the Plan's management. Such schedule has been subjected to the auditing procedures applied in our audit of the basic 2000 financial statements and, in our opinion, is fairly stated in all material respects when considered in relation to the basic financial statements taken as a whole.

DELOITTE & TOUCHE LLP
June 1, 2001

DIAMOND OFFSHORE 401k PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	DECEMBER 31,	
	2000	1999
INVESTMENTS AT FAIR VALUE:		
Mutual funds	\$88,274,678	\$88,437,584
Company stock	3,515,377	2,552,069
Total investments	91,790,055	90,989,653
CONTRIBUTIONS RECEIVABLE:		
Employee	601,660	654,669
Employer	1,506,131	1,531,022
Total contributions receivable ...	2,107,791	2,185,691
LOANS TO PARTICIPANTS	4,592,086	3,597,285
OTHER ASSETS	14,543	7,021
NET ASSETS AVAILABLE FOR BENEFITS	\$98,504,475	\$96,779,650
	=====	=====

SEE NOTES TO FINANCIAL STATEMENTS.

DIAMOND OFFSHORE 401k PLAN
STATEMENTS OF CHANGES IN NET ASSETS
AVAILABLE FOR BENEFITS

	YEAR ENDED DECEMBER 31,		
	2000	1999	1998
INVESTMENT INCOME:			
Dividends and interest	\$ 8,171,860	\$ 5,350,459	\$ 3,740,948
Net (depreciation) appreciation in fair value of investments	(14,807,746)	12,142,679	2,124,346
Total investment income	(6,635,886)	17,493,138	5,865,294
CONTRIBUTIONS:			
Employee	9,083,837	8,867,035	8,389,378
Employer	6,215,916	6,435,106	5,786,246
Rollover	72,452	20,919	334,664
Total contributions	15,372,205	15,323,060	14,510,288
Total additions	8,736,319	32,816,198	20,375,582
DEDUCTIONS:			
Benefit payments	(6,960,433)	(5,346,395)	(3,631,644)
Miscellaneous expenditures	(51,061)	(264,266)	(149,569)
Total deductions	(7,011,494)	(5,610,661)	(3,781,213)
INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS	1,724,825	27,205,537	16,594,369
NET ASSETS AVAILABLE FOR BENEFITS:			
Beginning of period	96,779,650	69,574,113	52,979,744
End of period	\$ 98,504,475	\$ 96,779,650	\$ 69,574,113

SEE NOTES TO FINANCIAL STATEMENTS.

DIAMOND OFFSHORE 401k PLAN
NOTES TO FINANCIAL STATEMENTS

1. ORGANIZATION

The Diamond Offshore 401k Plan (the "Plan") was established effective July 1, 1989. Effective January 1, 1997, Diamond Offshore Drilling, Inc. (the "Company") merged the Arethusa Off-Shore Company Profit Sharing Plan (the "Arethusa Plan") with and into the Plan. Net assets available for benefits for the Arethusa Plan were \$10,731,913 as of December 31, 1996. In connection with this merger, the Plan changed trustees from The Dreyfus Trust Company ("Dreyfus") to The Scudder Trust Company ("Scudder") effective January 1, 1997. The adoption of the Plan in its entirety is intended to comply with the provisions of Sections 401(a), 401(k) and 401(m) of the Internal Revenue Code (the "IRC") and applicable regulations thereunder. The Plan is intended to qualify as a profit-sharing plan in accordance with the requirement of Section 401(a)(27) of the IRC.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

ACCOUNTING BASIS - The financial statements of the Plan are prepared using the accrual basis of accounting.

INVESTMENTS - Investments are reported in the financial statements at fair value.

TRUSTEE FEES - Normal recurring trustee fees are paid by the Company, the Plan's sponsor. Fees paid by the Company were \$48,292 and \$47,329 for the years ended December 31, 2000 and 1999, respectively.

USE OF ESTIMATES - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires Plan management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of the Plan income and expenses during the reporting period. Actual results could differ from these estimates.

3. DESCRIPTION OF PLAN

The following description of the Plan provides only general information. Participants should refer to the Plan agreement for a complete description of the Plan's provisions.

GENERAL - The Plan is a defined contribution retirement plan for U.S. employees of the Company and its subsidiaries. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA") and the IRC.

ADMINISTRATION - The Plan is administered by an administrative committee appointed by the President of the Company.

PARTICIPANTS - Prior to July 1, 1997, any employee of the Company became a participant of the Plan on the first quarterly entry date (January 1, April 1, July 1 or October 1) following the completion of one year of service. From July 1, 1997 through December 31, 1998, an employee of the Company became a participant of the Plan beginning in the month following the completion of a 90-day service period. Effective January 1, 1999, all U.S. employees as of December 31, 1998 became eligible to participate in the Plan on January 1, 1999. Employees with an original hire date on or after January 1, 1999, who have completed one year of service from their date of hire, became or will become a participant of the Plan.

CONTRIBUTIONS - The Company makes a profit sharing contribution equal to 3.75% of the employee's qualified yearly earnings and a matching contribution equal to 25% for every percent the employee contributes up to a maximum of 6%. In 2000 and 1999, Company contributions were made quarterly. In addition, each participant may make voluntary contributions of up to 15% of his or her annual compensation, as defined by the Plan. Employee contributions are made through payroll deductions.

INVESTMENT FUNDS - The following investment options are available to plan participants:

Invesco Dynamics Fund (beginning April 2000): This fund invests primarily in common stocks of U.S. companies traded on national securities exchanges and over-the-counter.

Scudder Stable Value Fund: This fund invests in high-quality instruments, including guaranteed investment contracts (GICs), bank investment contracts (BICs), money market instruments and synthetic contracts.

Scudder Income Fund: This fund invests primarily in a broad range of long-term, high-grade, income-producing securities such as corporate bonds and government securities.

Scudder Balanced Fund: This fund generally maintains a 50%-75% weighting in common stocks, with the remaining percentage in investment-grade bonds and other fixed-income investments.

Scudder Growth & Income Fund: This fund's primary investments are income-producing common and preferred stocks of established companies. Stocks are divided mainly among the financial, manufacturing, health care, and consumer staples sectors.

Scudder Stock Index Fund: This collective investment trust invests in all 500 stocks or in other mutual funds that appropriately mirror the S&P 500 in their weightings.

MFS Research Fund A: This fund invests at least 80% of its total assets in common stocks and related securities, such as preferred stocks, convertible securities and depository receipts.

Templeton Foreign Fund I: This fund generally invests in common stocks, although it may also invest in preferred stocks and certain debt instruments, rated or unrated, such as convertible bonds and bonds selling at a discount. This fund may purchase securities in any foreign country, developed or developing.

Putnam New Opportunities Fund A: This fund's primary investments are in common stocks in the following sectors: personal communications, environmental services, media/entertainment, medical technology/medical-cost containment, applied advanced technology, value-oriented consuming and personal finance. This fund may invest up to 20% of assets in foreign securities.

Diamond Offshore Drilling, Inc. Common Stock: This fund invests in the common stock of the Company and reinvests dividends of the Company's stock, if any, into additional shares of the Company.

PARTICIPANT ACCOUNTS - Each participant's account is credited with the Company's and the participant's contributions and an allocation of the Plan's earnings. Allocations are based primarily on account balances at specified dates as provided under the terms of the Plan.

VESTING - Each participant has at all times a fully vested and nonforfeitable interest in their contributions, the earnings thereon and contributions made by the Company. Prior to January 1, 1999, matching contributions made by the Company to participant accounts were vested 100% after five years of service.

FORFEITURES - Forfeitures are applied to reduce the Company contributions to the Plan.

LOANS - Participants may borrow from his or her account up to the lesser of (i) one-half of the vested value of their accounts or (ii) \$50,000. Such loans bear interest of prime + 1.0%, with varying maturity dates, not exceeding five years.

PAYMENT OF BENEFITS - Upon separation of service, each participant may elect to receive the entire account balance in a lump sum payment. As of December 31, 2000 and 1999, amounts payable to participants who had terminated or withdrawn from the Plan were \$367,230 and \$251,151, respectively.

4. INVESTMENTS

The following is a summary of individual Plan assets in excess of 5% of total Plan assets at December 31, 2000 and 1999:

DESCRIPTION OF INVESTMENT	DECEMBER 31,			
	2000		1999	
	PRINCIPAL AMOUNT OR NUMBER OF UNITS OR SHARES	FAIR VALUE	PRINCIPAL AMOUNT OR NUMBER OF UNITS OR SHARES	FAIR VALUE
Scudder Stable Value Fund	25,638,197	\$ 25,638,197	25,186,498	\$ 25,186,498
Scudder Growth and Income Fund	577,413	13,944,533	553,558	14,774,467
MFS Research Fund A	580,622	13,923,316	493,509	14,242,655
Putnam New Opportunities Fund A	377,175	22,109,975	273,845	24,908,980

5. PLAN TERMINATION

Although the Company has not expressed any intent to do so, it has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. Upon termination of the Plan by the Company, the trustee will distribute to each participant the amounts credited to his or her account. No amount will revert to the Company in the event of the Plan's termination.

6. FEDERAL INCOME TAXES

The Plan obtained a favorable tax determination letter from the Internal Revenue Service ("IRS") dated February 25, 1997. It is the opinion of the Plan administrative committee that the Plan has met, and continues to meet, all necessary IRS requirements exempting it from federal income taxes; therefore, no provision for income taxes has been made.

DIAMOND OFFSHORE 401k PLAN
SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2000

IDENTITY OF ISSUE	DESCRIPTION OF INVESTMENT	CURRENT VALUE
Invesco Dynamics Fund	Mutual Fund	\$2,254,655
Scudder Stable Value Fund	Mutual Fund	25,638,197
Scudder Income Fund	Mutual Fund	1,857,490
Scudder Balanced Fund	Mutual Fund	1,357,638
Scudder Growth and Income Fund	Mutual Fund	13,944,533
Scudder Stock Index Fund	Mutual Fund	3,008,257
MFS Research Fund A	Mutual Fund	13,923,316
Templeton Foreign Fund I	Mutual Fund	4,180,617
Putnam New Opportunities Fund A	Mutual Fund	22,109,975
Diamond Offshore Drilling, Inc.*	Common Stock, par value \$0.01	3,515,377
Participant Loans*	Loans to participants, bearing interest of Prime +1.0%, with varying maturity dates, not exceeding five years	4,592,086

TOTAL		\$ 96,382,141 =====

*Party in interest

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Plan administrative committee of the Diamond Offshore 401k Plan (the "Plan"), which administers the Plan, has duly caused this annual report to be signed on its behalf by the undersigned, thereunto duly authorized, on the 25th day of June, 2001.

By: /s/ Robert L. Charles
Name: Robert L. Charles
Title: Administrative Committee Member

EXHIBIT INDEX

EXHIBIT NUMBER - - - - -	DESCRIPTION - - - - -
23.1	Consent of Independent Auditors

INDEPENDENT AUDITORS' CONSENT

We consent to the incorporation by reference in Registration Statement No. 333--22745 of Diamond Offshore Drilling, Inc. on Form S-8 of our report dated June 1, 2001, appearing in this Annual Report on Form 11-K of Diamond Offshore 401k Plan for the year ended December 31, 2000.

DELOITTE & TOUCHE LLP

Houston, Texas
June 25, 2000