UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF EARLIEST EVENT REPORTED: JUNE 16, 2010

ATWOOD OCEANICS, INC.

(Exact name of registrant as specified in its charter)

COMMISSION FILE NUMBER 1-13167

TEXAS

(State or other jurisdiction of incorporation or organization)

Internal Revenue Service – Employer Identification No. 74-1611874

15835 Park Ten Place Drive, Houston, Texas, 77084 (281) 749-7800

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

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

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ITEM 7.01 REGULATION FD DISCLOSURE

On June 16, 2010, the Company made a presentation for institutional investors at Macquarie Small-and Mid-Cap Investors Conference in New York City. A copy of the Company's presentation for this conference can be viewed at our website address www.atwd.com.

Statements contained in this report with respect to the future are forward-looking statements. These statements reflect management's reasonable judgment with respect to future events. Forward-looking statements involve risks and uncertainties. Actual results could differ materially from those anticipated as a result of various factors: the Company's dependence on the oil and gas industry; the risks involved in the construction and repair of a rig; competition; operating risks; risks involved in foreign operations; risks associated with possible disruption in operations due to terrorism; risks associated with a possible disruption in operations due to war; and governmental regulations and environmental matters. A list of additional risk factors can be found in the Company's annual report on Form 10-K for the year ended September 30, 2009, filed with the Securities and Exchange Commission.

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SIGNATURES

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

ATWOOD OCEANICS, INC. (Registrant)

DATE: June 16, 2010

/s/ James M. Holland
James M. Holland
Senior Vice President