Jimenez Luis
Form 4
December 11, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Jimenez Luis

(Last) (First) (Middle)

15835 PARK TEN PLACE DRIVE, P.O. BOX 218350 (77418)

(Street)

HOUSTON, TX 77084

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
ATWOOD OCEANICS INC [ATW]

3. Date of Earliest Transaction (Month/Day/Year)
12/07/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Vice President, Human Resource

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/07/2012		A		4,895	A	(1)	17,219	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Performance-Based Restricted Stock Units	(2)	12/07/2012		A		4,944		03/15/2016	03/15/2016	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Jimenez Luis 15835 PARK TEN PLACE DRIVE P.O. BOX 218350 (77418) HOUSTON, TX 77084			Vice President, Human Resource	

Signatures

/s/ Luis Jimenez, Walter A. Baker By Power of Attorney	12/11/2012
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

****** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These shares of common stock were granted as a Restricted Stock Award under the Atwood Oceanics, Inc. Amended and Restated 2007 Long-Term Incentive Plan. One-hundred percent (100%) of the restricted stock award vests at the end of three (3) years.

(2) The performance-based restricted stock units vest after a three-year period in an amount ranging from 0-200% of the units awarded based upon company total shareholder return compared with the total shareholder return of a designated peer group over the vesting period. The units provide for payment of all earned shares in common stock following the end of the three-year period.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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