

ATWOOD OCEANICS INC
 Form 4
 July 13, 2007

FORM 4

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

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).

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
KELLEY GLEN P

(Last) (First) (Middle)

15835 PARK TEN PLACE DRIVE

(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)

07/12/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)

Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	07/12/2007	07/12/2007	M	30,000	A \$ 16.08	12,800 ⁽¹⁾	D
Common Stock	07/12/2007	07/12/2007	M	30,000	D \$ 70.53	12,800 ⁽¹⁾	D

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

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SEC 1474 (9-02)

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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 Amount of Underlying Securities (Instr. 3 and 4)
Nonqualified Stock Options	\$ 16.08	07/12/2007	07/12/2007	M	30,000	(3) 09/05/2011	Common Stock 30,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KELLEY GLEN P 15835 PARK TEN PLACE DRIVE HOUSTON, TX 77084			Senior Vice President	

Signatures

Glen P. Kelley 07/13/2007

**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) Represents the total number of shares of Common Stock held by the reporting person subsequent to the transactions reported hereby.
- (2) Represents the total number of Nonqualified Stock Options held by the reporting person with the same exercise price, exercised date, and expiration date, subsequent to the transaction reported hereby.
- (3) These options were granted on September 6, 2001 and vested 25% per year commencing at the end of year two, with full vesting on September 5, 2006.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.