KELLEY GLEN P

Form 4

February 18, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

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

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * KELLEY GLEN P			2. Issuer Name and Ticker or Trading Symbol ATWOOD OCEANICS INC [ATW]					I.	5. Relationship of Reporting Person(s) to Issuer			
(Last) P.O. BOX	, , ,	Middle)				ransaction	·	- - -	(Check all applicable) Director 10% Owner _X_ Officer (give title Other (specify below) Senior Vice President Marketin			
HOUSTON		Filed(Month/Day/Year)						5. Individual or Joint/Group Filing(Check Applicable Line) X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							y Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired (A Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price				(D)	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)	
Common Stock	02/17/2011	02/17/20	11	M		30,000	A	\$ 12.308	8 80,497	D		
Common Stock	02/17/2011	02/17/20	11	S		30,000	D	\$ 44.8247	50,497 (1)	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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
Nonqualified Stock Options	\$ 12.308	02/17/2011	02/17/2011	M	30,000	(2)	12/02/2014	Common Stock	30,00

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KELLEY GLEN P P.O. BOX 218350 HOUSTON, TX 77218

Senior Vice President Marketin

Signatures

/s/ Glen Kelley, Walter A. Baker By Power of Attorney

02/18/2011

**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) These options were granted on December 2, 2004 and vest 25% per year commencing at the end of year one, with full vesting on December 2, 2008.
- (3) Represents the total number of Nonqualifed Stock Options held by the reporting person with the same exercise price and expiration date subsequent to the transaction reported hereby.

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.

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