Jennings H. Keith Form 4 December 20, 2010

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

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 *

Jennings H. Keith

(Last) (First) (Middle)

1333 WEST LOOP SOUTH, STE 1700

(Street)

HOUSTON, TX 77027

Security

(Instr. 3)

2. Issuer Name and Ticker or Trading

Symbol

CAMERON INTERNATIONAL CORP [CAM]

3. Date of Earliest Transaction

(Month/Day/Year)

12/17/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Vice President & Treasurer

6. Ownership

Form: Direct

10% Owner

Other (specify

7. Nature of

Ownership

(9-02)

(Instr. 4)

Indirect

(D) or Indirect Beneficial

OMB APPROVAL

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January 31,

2005

0.5

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Number:

Expires:

response...

Estimated average

burden hours per

5. Amount of

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

Issuer

below)

Director

X_ Officer (give title

(State) (Zip) (City)

1.Title of 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Securities Beneficially Owned Following (A)

or

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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)

3. Transaction Date 3A. Deemed 1. Title of (Month/Day/Year) Execution Date, if TransactionDerivative Conversion

5. Number of

6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8. Pr **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed or (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)		Secu (Inst
				Code V	(A) (D)) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	12/17/2010		A	11.873	<u>(1)</u>	<u>(1)</u>	Common Stock	11.873	49.

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Jennings H. Keith

1333 WEST LOOP SOUTH, STE 1700 Vice President & Treasurer

HOUSTON, TX 77027

Signatures

By: Grace B. Holmes For: H. Keith Jennings 12/20/2010

**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) Each share of phantom stock is the economic equivalent of one share of common stock. The shares of phantom stock become payable in cash upon the reporting person's termination of service as an employee or retirement.

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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