Peace Jerry A Form 4 February 26, 2010

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

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

2. Issuer Name and Ticker or Trading

OGE ENERGY CORP. [OGE]

3. Date of Earliest Transaction

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Peace Jerry A

(First) (Last)

P.O. BOX 321

(City)

(Street)

(Middle)

(Month/Day/Year) 02/24/2010

4. If Amendment, Date Original

Symbol

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

Chief Risk Officer

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

OKLAHOMA CITY, OK 73101

(State)

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

(Zip)

3. Code (Instr. 8)

TransactionAcquired (A) or

Code V Amount (D) Price

4. Securities

Disposed of (D) (Instr. 3, 4 and 5)

(A)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership

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

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and 8. Price of Amount of Derivative Underlying Security

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| (Instr. 3) | Price of Derivative Security | | (Month/Day/Year) | (Instr. 8) | | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | | Securities (Instr. 3 and 4) | | (Instr. 5) |
|-------------------------|------------------------------------|------------|------------------|------------|---|--|-----|---------------------|--------------------|-----------------------------|-------------------------------------|------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Stock Equiv Units | (1) | 02/24/2010 | | A | | 31.188 | | (2) | (2) | Com Stk | 31.188 | \$ 36.7 |

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Peace Jerry A P.O. BOX 321

Chief Risk Officer

OKLAHOMA CITY, OK 73101

Signatures

Patricia D. Horn 02/26/2010

**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) Security converts to common stock on a one-for-one basis.
- (2) The Common Stock Units were accrued under the Deferred Compensation Plan of OGE Energy Corp. and are to be settled 100% in cash at a specified future date or following termination of service.

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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