

GRIMES KIRK D  
Form 4  
August 21, 2009

**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 \*  
GRIMES KIRK D

2. Issuer Name and Ticker or Trading Symbol  
FLUOR CORP [FLR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
C/O FLUOR CORPORATION, 6700  
LAS COLINAS BOULEVARD

3. Date of Earliest Transaction (Month/Day/Year)  
08/20/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Group Executive

(Street)  
IRVING, TX 75039

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

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

| 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) | (A) or (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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|------------|---|--|-----------------------------------|
|                                 |                                      |  |                                |   |            |   |  |                                   |
| Common Stock                    | 08/20/2009                           |  | M                              | 6,976   | A          | \$ 44.705 38,472  | D  |                                   |
| Common Stock                    | 08/20/2009                           |  | M                              | 2,772   | A          | \$ 42.105 41,244  | D  |                                   |
| Common Stock                    | 08/20/2009                           |  | S                              | 13,266  | D          | \$ 54 27,978  | D  |                                   |

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

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(3) The option vests in five equal annual installments beginning on 2/5/2007.

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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