FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| l | OMB APPRO | VAL |
|---|------------------------|-----------|
| | OMB Number: | 3235-0287 |
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| | Check this box if no longer subject to | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| ١ | Section 16. Form 4 or Form 5 | | | | | | | |
|) | obligations may continue. See | | | | | | | |
| | Instruction 1/h) | | | | | | | |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* Petrick Michael J. | | | | | | | 2. Issuer Name and Ticker or Trading Symbol Carlyle GMS Finance, Inc. [NONE] | | | | | | | | | tionship of Reportin all applicable) Director | | 10% O | | wner |
|--|--|--|---|-------|--|---|--|-------|---|---------------------|--------|---|-------------|-----------|---|---|--|--|---|---------------------------------------|
| (Last) (First) (Middle) 520 MADISON AVENUE | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 06/11/2015 | | | | | | | | | | Office | er (give title v) | | Other (below) | specify |
| 38TH FLOOR (Street) NEW YORK NY 10022 (City) (State) (Zip) | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | | i. Individ ine) X | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | | | Execution Date, | | | 3. Transaction Code (Instr.) 8) 4. Securities Acquire Disposed Of (D) (Instr. 5) | | | | | ind S | 5. Amount of Securities Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | | | · v | Amount | () () | A) or D) | Price | , · | Transa | ted action(s) 3 and 4) | | | (Instr. 4) |
| Common Stock 06/11/ | | | | | | | 2015 | | P | Τ | 2,019 | | Α | \$19.48 | | 23,052 | | D | | |
| Common Stock 06/11/2 | | | | | | | 2015 | | J ⁽¹⁾ | | 818 | | Α | \$0.00(1) | | 23,870 | | D | | |
| | 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. Deeme Execution if any (Month/Da | Date, | 4. Transactior Code (Instr. 8) | | | | 6. Date Expirat (Month | ion Dat | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | | | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction((Instr. 4) | Ownershi Form: Direct (D) or Indirec (I) (Instr. 4 | t (D) | Beneficial Ownership (Instr. 4) |
| Code \ | | v | (A) | (D) | Date Exercis | able | Expiration Date | Title | or | ount nber res | er | | | | | | | | | |

Explanation of Responses:

1. Represents a compensatory grant of common stock of the issuer by Carlyle GMS Investment Management L.L.C., the investment adviser to the issuer, pursuant to the adviser's benefit plan.

Remarks:

/s/ Matthew C. Cottrell, attorney-in-fact 06/15/2015

** Signature of Reporting Person Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.