FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | |
|-------------------|----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-028 | | | | | | | | |
| Estimated average | hurden | | | | | | | | |

0.5

hours per response:

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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] | | | | | | | | | | | olicable) | g Person(s) to | ssuer | |
|--|---|--|---|---------|--|--|-----|-----------------|---|--|--------|----------------|---|-------|--|----------------------------------|---|---|--|
| (Last) (First) (Middle) 520 MADISON AVENUE | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/02/2015 | | | | | | | | | | Officer (give title below) | | Othe belov | (specify) | |
| 38TH FLOOR (Street) NEW YORK NY 10022 | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Date) | | | | | | Execution Date | | n Date, | 3. Transaction Code (Instr. 8) | | | | | | 4 and Sec Ber | | ount of ities icially d Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | | | | Code | v | Amount | | (A) or (D) | Price | • | Transa | action(s) 3 and 4) | | (3 4) |
| Common Stock 01/02/2 | | | | 2/2015 | 2015 | | | P | | 819 | | A | \$19 | 0.46 | 16 | 5,512(1) | 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. Deen Execution if any (Month/D | n Date, | 4. Transactio Code (Inst | | | | Expirati | 6. Date Exercisable a Expiration Date (Month/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | | vative (irity (r. 5) I | 9. Number or derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Code | v | (A) | (D) | Date Exercis | able | Expiration Date | Title | or Nu of | nount mber ares | | | | | | |

Explanation of Responses:

 $1. \ Includes \ 2 \ shares \ acquired \ in \ a \ small \ acquisition \ pursuant \ to \ Rule \ 16a-6 \ of \ the \ Exchange \ Act \ that \ will \ be \ reported \ on \ Form \ 5.$

Remarks:

/s/ Matthew C. Cottrell, attorney-in-fact 01/05/2015

** 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.