

MESA LABORATORIES INC /CO  
Form 8-K  
May 24, 2007

**U.S. Securities and Exchange Commission**

**Washington, D.C. 20549**

**Form 8-K  
Current Report**

Pursuant to Section 13 or 15(d) of the Securities and Exchange Act of 1934

**MAY 23, 2007**

Date of Report (Date of earliest event Reported)

**MESA LABORATORIES, INC.**

(Exact Name of Small Business Issuer as Specified in its Charter)

Commission File Number: 0-11740

**COLORADO**

(State or other Jurisdiction of  
Incorporation or Organization)

**84-0872291**

(I.R.S. Employer  
Identification No.)

**12100 WEST SIXTH AVENUE,**

**LAKEWOOD, COLORADO**

(Address of Principal Executive Offices)

**80228**

(Zip Code)

Issuer's telephone number, including area code: (303) 987-8000

**Not Applicable.**

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))



**ITEM 202 REGULATION FD DISCLOSURE.**

Pursuant to the interim guidance provided in Release No. 33-8216, the disclosure being furnished in this Form 8-K is being furnished under Item 12, "Results of Operations and Financial Condition," of form 8-K.

On May 23, 2007, Mesa Laboratories, Inc. issued a press release describing its results of operations for its fourth quarter ended March 31, 2007. A copy of this press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

**ITEM 9.01 FINANCIAL STATEMENTS AND EXHIBITS.**

d) Exhibits:

99.1 Press Release issued May 23, 2007

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MESA  
LABORATORIES,  
INC.  
(Issuer)

DATED: May 23, 2007

By: /s/ Luke R. Schmieder

---

Luke R. Schmieder  
Chief Executive Officer,  
Treasurer and Chairman

**INDEX TO EXHIBITS**

<u>Exhibit No.</u>	<u>Description</u>	<u>Method of Filing</u>
99.1	Press release dated May 23, 2007	Filed herewith

---