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

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of Earliest Event Reported):

September 5, 2012

Cliffs Natural Resources Inc.

(Exact name of registrant as specified in its charter)

Ohio

1-8944

34-1464672

(State or other jurisdiction
of incorporation)

(Commission
File Number)

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

200 Public Square, Suite 3300, Cleveland, Ohio

44114-2315

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

216-694-5700

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:

- 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))
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Item 1.04 Mine Safety - Reporting of Shutdowns and Patterns of Violations.

Section 1503(b)(1) of the Dodd-Frank Act requires the disclosure on a Current Report on Form 8-K of the receipt of an imminent danger order (an "Order") under section 107(a) of the Federal Mine Safety and Health Act of 1977 issued by the Mine Safety and Health Administration ("MSHA").

On September 5, 2012, Cliffs Logan County Coal, LLC (the "Company"), a wholly owned subsidiary of Cliffs Natural Resources Inc., received an Order due to an employee not wearing the appropriate fall protection equipment while performing maintenance from an elevated position on a water truck. The condition was remediated immediately. MSHA terminated the Order on September 5, 2012.

The condition cited in the Order referred to above did not result in an accident or injury and are not expected to have a material adverse impact on the Company's operations at the mine.

SIGNATURES

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

September 7, 2012

Cliffs Natural Resources Inc.

By: /s/ Carolyn E. Cheverine

Name: Carolyn E. Cheverine

Title: General Counsel - Corporate Affairs & Secretary