

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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): February 7, 2012

Cliffs Natural Resources Inc.

(Exact Name of Registrant as Specified in Charter)

Ohio
**(State or Other Jurisdiction
of Incorporation)**

001-08944
**(Commission
File Number)**

34-1464672
**(IRS Employer
Identification No.)**

200 Public Square, Cleveland, Ohio
(Address of Principal Executive Offices)

44114-2315
(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 *fee* 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 1.04. Mine Safety – Reporting of Shutdowns and Patterns of Violations.

On July 21, 2010, the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”) was enacted. 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 February 7, 2012, Oak Grove Resources, LLC (the “Company”), a wholly owned subsidiary of Cliffs Natural Resources Inc., received an Order due to elevated methane and decreased oxygen levels at a specific location in the Company’s Oak Grove Mine. An existing ventilation line curtain was being adjusted at the time of the order. These adjustments lowered the methane readings to an acceptable level within minutes, and resulted in the termination of the MSHA order.

The condition cited in the Order referred to above did not result in an accident or injury and is 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.

CLIFFS NATURAL RESOURCES INC.

By: /s/ Carolyn E. Cheverine
Name: Carolyn E. Cheverine
Title: General Counsel, Corporate Affairs & Secretary

Date: February 9, 2012