

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 6)\*

Cliffs Natural Resources Inc.

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(Name of Issuer)

Common Stock

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(Title of Class of Securities)

18683K101

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(CUSIP Number)

December 31, 2010

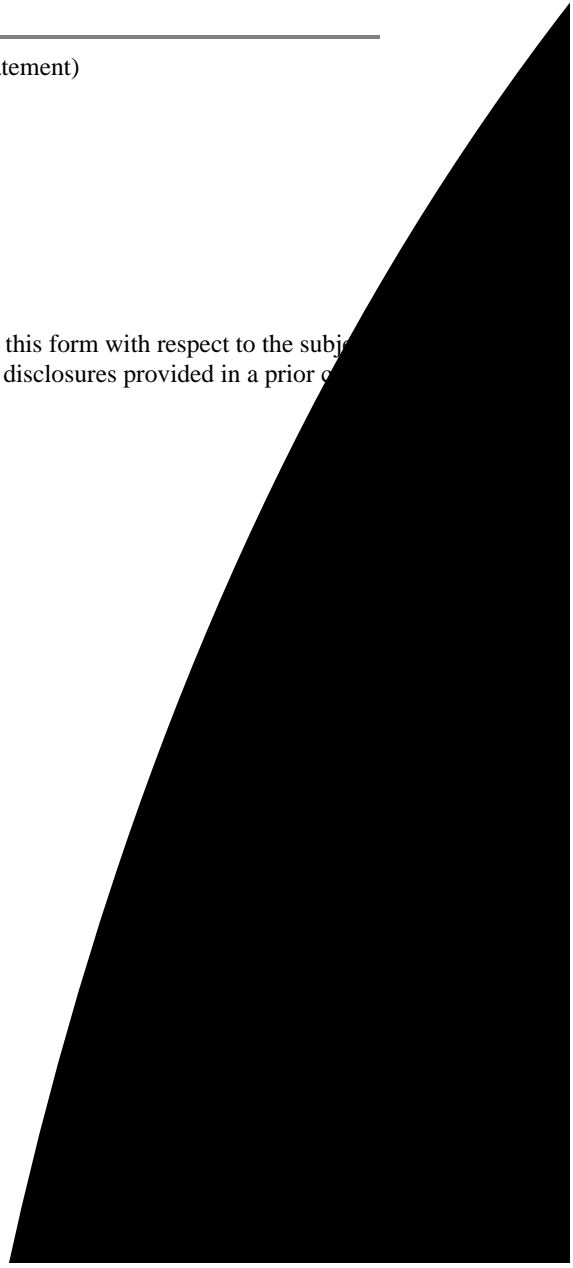
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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior filing.



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**Item 1.**

- (a) **Name of Issuer**  
Cliffs Natural Resources Inc.
- (b) **Address of Issuer's Principal Executive Offices**  
200 Public Square  
Cleveland, OH 44114

**Item 2.**

- (a) **Name of Person Filing**  
Wellington Management Company, LLP ("Wellington Management")
- (b) **Address of Principal Business Office or, if None, Residence**  
280 Congress Street  
Boston, MA 02210
- (c) **Citizenship**  
Massachusetts
- (d) **Title of Class of Securities**  
Common Stock
- (e) **CUSIP Number**  
18683K101

**Item 3.**

**If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:**

- (a)  Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
- (b)  Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c)  Insurance Company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d)  Investment Company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e)  An investment adviser in accordance with Rule 240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 240.13d-1(b)(1)(ii)(G);
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box

**Item 4.**

**Ownership.**

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount Beneficially Owned:  
Wellington Management, in its capacity as investment adviser, may be deemed to beneficially own 3,391,913 shares of the Issuer which are held of record by clients of Wellington Management.
- (b) Percent of Class:  
2.50%
- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote 0
  - (ii) shared power to vote or to direct the vote 2,575,514
  - (iii) sole power to dispose or to direct the disposition of 0
  - (iv) shared power to dispose or to direct the disposition of 3,391,913

**Item 5.**

**Ownership of Five Percent or Less of Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following:

**Item 6.**

**Ownership of More than Five Percent on Behalf of Another Person.**

The securities as to which this Schedule is filed by Wellington Management, in its capacity as investment adviser, are owned of record by clients of Wellington Management. Those clients have the right to receive, or the power to direct the receipt of, dividends from, or the proceeds from the sale of, such securities. No such client is known to have such right or power with respect to more than five percent of this class of securities, except as follows:

Not Applicable.

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