

NORD RESOURCES CORP  
Form 3  
October 15, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|  |   |  |   |   |   |
|--|---|--|---|---|---|
| <p>1. Name and Address of Reporting Person *</p> <p>WEXFORD CAPITAL LLC</p> <p>(Last) (First) (Middle)</p> <p>411 WEST PUTNAM AVENUE, SUITE 125</p> <p>(Street)</p> <p>GREENWICH, CT 06830</p> <p>(City) (State) (Zip)</p> | <p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>10/05/2007</p> | <p>3. Issuer Name and Ticker or Trading Symbol</p> <p>NORD RESOURCES CORP [NRDS]</p> | <p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner<br/><input type="checkbox"/> Officer <input type="checkbox"/> Other<br/>(give title below) (specify below)</p> | <p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> | <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input type="checkbox"/> Form filed by One Reporting Person<br/><input checked="" type="checkbox"/> Form filed by More than One Reporting Person</p> |
|--|---|--|---|---|---|

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock, \$0.01 par value     | 36,280   | I   | By: Wexford Spectrum Trading Limited <sup>(1)</sup>      |
| Common Stock, \$0.01 par value     | 18,720   | I   | By: Wexford Catalyst Investors LLC <sup>(1)</sup>        |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of<br>Securities Underlying<br>Derivative Security<br>(Instr. 4) | 4. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 5. Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) | 6. Nature of Indirect<br>Beneficial Ownership<br>(Instr. 5) |
|---|--|--|--|--|---|
|   | Date<br>Exercisable  | Expiration<br>Date   | Title  | Amount or<br>Number of<br>Shares   |   |
| Special Warrants                              | 12/03/2007   | ∧ (2)  | Common<br>Stock  | 3,449,250  | \$ (2) I<br>By: Wexford<br>Spectrum Trading<br>Limited (1)  |
| Special Warrants                              | 12/03/2007   | ∧ (2)  | Common<br>Stock  | 1,478,250  | \$ (2) I<br>By: Wexford<br>Catalyst Trading<br>Limited (1)  |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| WEXFORD CAPITAL LLC<br>411 WEST PUTNAM AVENUE<br>SUITE 125<br>GREENWICH, CT 06830              | ∧             | ∧ X       | ∧       | ∧     |
| DAVIDSON CHARLES E<br>C/O WEXFORD CAPITAL LLC<br>411 WEST PUTNAM AVENUE<br>GREENWICH, CT 06830 | ∧             | ∧ X       | ∧       | ∧     |
| JACOBS JOSEPH<br><br>X1  | ∧             | ∧ X       | ∧       | ∧     |

## Signatures

|   |            |
|---|------------|
| Arthur H. Amron, Partner and Secretary of Wexford Capital LLC | 10/15/2007 |
| __Signature of Reporting Person                               | Date       |
| Charles E. Davidson   | 10/15/2007 |
| __Signature of Reporting Person                               | Date       |
| Joseph Jacobs   | 10/15/2007 |
| __Signature of Reporting Person                               | Date       |

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) Wexford Capital LLC (?Wexford?), as manager, investment manager or sub advisor of Wexford Spectrum Trading Limited (?WST?), Wexford Catalyst Trading Limited (?WCT?) and Wexford Catalyst Investors LLC (?WCI?), may be deemed to beneficially own the securities. Charles E. Davidson (?Davidson?) and Joseph M. Jacobs (?Jacobs?) are the managing members of Wexford. Davidson and

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Jacobs may also be deemed to beneficially own the securities. Wexford, Davidson and Jacobs each disclaims beneficial ownership of the securities reported hereby and this report shall not be deemed as an admission that they are the beneficial owners of such securities except in the case of Davidson and Jacobs to the extent of their interests in each of WST, WCT and WCI.

- (2) WST and WCT acquired an aggregate of 3,285,000 Special Warrant Shares from the issuer in a private placement offering that closed on June 5, 2007 (the "Offering"). Each Special Warrant Share entitles the holder thereof to receive, without the payment of additional consideration, upon the exercise thereof, one share of common stock and one-half of one Warrant, each Warrant being exercisable to acquire one share of common stock at an exercise price of \$1.10 per share for a period of 60 months from the closing of the Offering. Each holder of a Special Warrant Share that has not expired by its terms may elect to convert its Special Warrant Shares into the underlying shares of common stock and Warrants at any time after 5:00 p.m. (Vancouver time) on December 3, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.