
**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): April 29, 2013

LSB INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

1-7677
(Commission File
Number)

73-1015226
(IRS Employer
Identification No.)

16 South Pennsylvania Avenue, Oklahoma City, Oklahoma
(Address of principal executive offices)

73107
(Zip Code)

Registrant's telephone number, including area code (405) 235-4546

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))
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Item 1.01 Entry into a Material Definitive Agreement

On April 29, 2013, El Dorado Chemical Company (“EDCC”), a wholly-owned subsidiary of LSB Industries, Inc. (the “Company”), and Orica International PTE LTD. (“Orica”) entered into an amendment to their Ammonium Nitrate Supply Agreement, dated effective January 1, 2010, as previously amended (the “Supply Agreement”). The Amendment updates and corrects the specification of Ammonium Nitrate Solution to be manufactured by EDCC. The amendment also modifies the required notice of termination from two years to one year, with the effective termination date in such notice to be no sooner than April 9, 2015.

Item 9.01 Financial Statements and Exhibits (d) Exhibits.

99.1 Third Amendment to AN Supply Agreement, dated effective April 9, 2013.

SIGNATURES

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

Dated: May 1, 2013

LSB INDUSTRIES, INC.

By: /s/ Tony M. Shelby
Tony M. Shelby,
Executive Vice President of Finance,
Chief Financial Officer

THIRD AMENDMENT TO AN SUPPLY AGREEMENT

This Third Amendment to AN Supply Agreement dated January 1, 2010 ("Third Amendment") is entered into by and between Orica International Pte Ltd. ("Orica") and El Dorado Chemical Company ("EDC"), with an effective date of April 9, 2013 ("Effective Date") in reference to the following:

- A. Orica and EDC entered into that certain AN Supply Agreement made effective as of January 1, 2010, as amended by the First Amendment to the Agreement, made effective March 1, 2010, and as further amended by the Second Amendment to the Agreement dated August 16, 2012 (the "Agreement"). Capitalized terms that are not otherwise defined herein shall have the meaning given such terms in the Agreement;
- B. EDC and Orica have determined to change the termination notice provisions of the Agreement; and
- C. EDC and Orica have also determined to change the specification of AN Solution.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Preamble. The preamble is hereby incorporated into this Third Amendment and into the Agreement by reference.

2. Termination. Section 2.1 of the Agreement is hereby deleted and is replaced by the following:

"2.1 This Agreement shall become effective as of January 1, 2010 and, unless earlier terminated in accordance with the provisions hereof, shall continue for an initial term ("Initial Term") ending on April 9, 2015. Thereafter the term of this Agreement shall be automatically extended (as so extended, the "Term") until either party delivers a written notice of termination to the other; provided that, except as provided in Section 16 hereof, the effective date of termination in said notice shall never be earlier than April 9, 2015 and such notice shall be given at least 1 year prior to the effective date of termination. For example only, if Orica or EDC gives the other notice of termination on July 15, 2014, the effective date of termination would be July 15, 2015."

3. Second Amendment Termination. Nothing in this Third Amendment modifies or affects the right of EDC to terminate the Second Amendment to AN Supply Agreement as provided in such Second Amendment.

4. Specification of Ammonium Nitrate Solution. The Product Specification for AN Solution set forth in Schedule "B" is deleted and is replaced by the following:

<u>Parameter</u>	<u>Specification</u>
AN Concentration (wt%)	83.5 to 85.0%
pH Range ⁽¹⁾	5.0 to 6.0
Loading Temperature	240 degrees Fahrenheit maximum
Appearance	Clear to light yellow, free from foreign material

⁽¹⁾pH is measured by diluting 50% solution with 50% distilled water.

5. Acknowledgement of Continuation of Guaranty. The Guaranty Agreement between EDC and Orica USA Inc., a Delaware Corporation, dated as of January 1, 2010, remains in full force and effect.

6. No Other Changes. Except as provided in this Third Amendment, all other terms of the Agreement shall remain in full force and effect.

[Remainder of page intentionally left blank.]

IN WITNESS WHEREOF, the parties have executed this Third Amendment effective as of the date first written above.

The Common Seal of
ORICA INTERNATIONAL PTE LTD.
was affixed in accordance with its
Articles of Association

By: /s/ Anthony Edmondstone
Name: Anthony Edmondstone
Title: Director
Date of Signature: 29 April 2013

EL DORADO CHEMICAL COMPANY

By: /s/ Jack E. Golsen
Name: Jack E. Golsen
Title: Chairman
Date of Signature: 04/16/2013

ORICA USA INC
for Section 5 only

By: /s/ Suzanne Thigpen
Name: Suzanne Thigpen
Title: Secretary
Date of Signature: 04-17-2013