
**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): January 10, 2006

CROSSTEX ENERGY, L.P.

(Exact name of registrant as specified in its charter)

DELAWARE

(State or other jurisdiction of
incorporation or organization)

000-50067

(Commission File
Number)

16-1616605

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

**2501 CEDAR SPRINGS, SUITE 100
DALLAS, TEXAS**

(Address of principal executive offices)

75201

(Zip Code)

Registrant's telephone number, including area code: **(214) 953-9500**

(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 7.01. Regulation FD Disclosure.

On January 10, 2006, Crosstex Energy, L.P. issued a press release announcing that it has agreed to purchase the U.S. amine treating rental assets of a subsidiary of Hanover Compression Company. In accordance with General Instruction B.2 of Form 8-K, the information set forth in this Item 7.01 and in the attached exhibit are deemed to be furnished and shall not be deemed to be “filed” for purposes of the Securities Exchange Act of 1934, as amended (the “Exchange Act”).

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits.*

In accordance with General Instruction B.2 of Form 8-K, the information set forth in the attached exhibit are deemed to be furnished and shall not be deemed to be “filed” for purposes of the Exchange Act.

<u>EXHIBIT NUMBER</u>	<u>DESCRIPTION</u>
99.1	— Press Release dated January 10, 2006.

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.

CROSSTEX ENERGY, L.P.

By: Crosstex Energy GP, L.P., its General Partner

By: Crosstex Energy GP, LLC, its General Partner

Date: January 17, 2006

By: /s/ William W. Davis _____

William W. Davis
Executive Vice President and
Chief Financial Officer

INDEX TO EXHIBITS

EXHIBIT
NUMBER
99.1

DESCRIPTION
— Press Release dated January 10, 2006

CROSSTEX

PRESS RELEASE

CROSSTEX ACQUIRES AMINE TREATING RENTAL ASSETS FROM HANOVER

DALLAS, January 10, 2006 — Crosstex Energy, L.P. (NasdaqNM: XTEX) (the Partnership) announced it has agreed to purchase the U.S. amine treating rental assets of Hanover Compression Limited Partnership, a subsidiary of Hanover Compressor Company (NYSE: HC), for approximately \$52 million. The purchase will add 48 plants to the Partnership's treating business segment.

"Thirty-two of the treating plants we are buying are in operation adding about 20 new customers, and the other 16 are ready for refurbishment and will be available to meet our customers treating needs," said Barry E. Davis, President and Chief Executive Officer. "This purchase compliments our coverage of the amine treating rental market, and will allow us to expand our service capabilities to all our Treating customers by providing a larger treating plant fleet with more inventory to better target their needs."

The transaction, which has been approved by the Board of Directors of both Hanover and Crosstex, is expected to be completed in February and is subject to customary due diligence.

About Crosstex

Crosstex Energy, L.P., a mid-stream natural gas company headquartered in Dallas, operates over 5,000 miles of pipeline, nine processing plants, four fractionators, and approximately 115 natural gas amine treating plants. Crosstex currently provides services for approximately 2.6 Bcf/day of natural gas, or approximately 4.9 percent of marketed U.S. daily production based on August 2005 Department of Energy data.

Crosstex Energy, Inc. (NasdaqNM: XTXI) owns the two percent general partner interest, a 37 percent limited partner interest, and the incentive distribution rights of Crosstex Energy, L.P.

Additional information about the Crosstex companies can be found at www.crosstexenergy.com.

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical facts included herein, including statements regarding the company's opportunities for growth, constitute forward-looking statements. Although the company believes that the expectations reflected in the forward-looking statements are reasonable, it can give no assurance that such expectations will prove to be correct.

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Contact: Barry E. Davis, President and Chief Executive Officer
William W. Davis, Executive V.P. and Chief Financial Officer
Phone: (214) 953-9500