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):

September 30, 2014

Mitcham Industries, Inc.

(Exact name of registrant as specified in its charter)

Texas

000-25142

(Commission

File Number)

(State or other jurisdiction of incorporation)

8141 SH 75 South, P.O. Box 1175, Huntsville, Texas

(Address of principal executive offices)

Registrant's telephone number, including area code:

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:

[] 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))

76-0210849

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

77342

(Zip Code)

936-291-2277

Item 7.01 Regulation FD Disclosure.

Robert P. Capps, Executive Vice President and Chief Financial Officer, of Mitcham Industries, Inc. (the "Company"), will present at the 2014 JRCO Energy Conference in New Orleans, Louisianna on October 1, 2014.

The slides from the presentations will be available through the Investor Relations section of the Company's website at www.mitchamindustries.com.

The information contained in Item 7.01 of this report (i) is not to be considered "filed" under the Securities Exchange Act of 1934, as amended (the "Exchange Act") and (ii) shall not be incorporated by reference into any previous or future filings made by or to be made by the Company with the Securities and Exchange Commission ("SEC") under the Securities Act of 1933, as amended, or the Exchange Act.

The presentation referenced in this report and any oral or written statements made in connection with the presentation may contain forward-looking information and statements within the meaning of the Private Securities Litigation Act of 1995, including Mitcham Industries, Inc.'s prospects and development of its operations and its business strategies, all of which are subject to certain risks, uncertainties and assumptions including, among other things, changes in market conditions in the oil and gas exploration and production industry, prices and reserves of crude oil and natural gas, our ability to maintain and attract customers, weather conditions, political developments, technical obsolescence of our equipment, the Company's ability to finalize contractual arrangements, and other risks and uncertainties disclosed in the Company's reports filed with the Securities and Exchange Commission. Should one or more of these risks or uncertainties materialize, or should the assumptions prove incorrect, actual results could vary materially from those anticipated. Additional risk factors, which could affect actual results, are disclosed by the Company from time to time in its filings with the Securities and Exchange Commission, including its Quarterly Report on Form 10-Q for the quarterly period ended July 31, 2014.

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.

September 30, 2014

Mitcham Industries, Inc.

By: Robert P. Capps

Name: Robert P. Capps Title: Chief Financial Officer