#### 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

June 13, 2006 (June 13, 2006) Date of Report (Date of earliest event reported)

## Mitcham Industries, Inc.

(Exact name of registrant as specified in its charter)

Texas (State or other jurisdiction of incorporation)

000-25142

(Commission File Number)

76-0210849 (IRS Employer Identification No.)

8141 SH 75 South, P.O. Box 1175, Huntsville, Texas 77342

(Address of principal executive offices) (Zip Code)

936-291-2277

(Registrant's telephone number, including area code)

(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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Press Release

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#### Item 2.02. Results of Operations and Financial Condition.

On June 13, 2006, Mitcham Industries, Inc. issued a press release announcing earnings for the quarter ended April 30, 2006. The text of the press release is attached to this report as Exhibit 99.1.

#### Item 9.01. Financial Statements and Exhibits.

(c) Exhibits. The following exhibits are filed as a part of this report:

#### Exhibit No. Description

99.1 Mitcham Industries, Inc. press release dated June 13, 2006.

Pursuant to the rules and regulations of the Securities and Exchange Commission, information attached as Exhibit 99.1 is being furnished pursuant to Item 2.02 and shall not be deemed to be "filed" under the Securities Exchange Act of 1934.

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#### **SIGNATURE**

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.

#### MITCHAM INDUSTRIES, INC.

Date: June 13, 2006 By: /s/ Michael A. Pugh

Michael A. Pugh

Executive Vice President - Finance and Chief

Financial Officer

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#### EXHIBIT INDEX

Exhibit No.	Description

99.1 Mitcham Industries, Inc. press release dated June 13, 2006.

#### PRESS RELEASE

FOR IMMEDIATE RELEASE CONTACT: Christine E. Reel 713.419.1236

#### MITCHAM INDUSTRIES REPORTS RECORD FIRST QUARTER

HUNTSVILLE, Texas — June 13, 2006 — Mitcham Industries, Inc. (NASDAQ: MIND) today reported that net income increased 61% to \$3.4 million, or \$0.33 per diluted share, for its first quarter ended April 30, 2006 from \$2.1 million, or \$0.22 per diluted share, for the comparable quarter last year. Revenues for the first quarter totaled \$14.1 million, up 85% from \$7.6 million in the comparable quarter last year. The Company said that its results include a non-cash expense item of \$0.3 million related to stock options cost recorded in general and administrative cost as required by SFAS 123R. The Company further stated that its strong results reflect steady growth in its core leasing activities, due in part to a resurgence in seismic activity, as well as strong sales of both lease pool and other equipment.

"While we experienced heavy leasing activity in our North American and new Eurasian operations, equipment sales were also particularly strong. Seamap, one of our wholly-owned subsidiaries, increased its sales of marine seismic equipment to over \$3.3 million this quarter," said Billy F. Mitcham, Jr., Mitcham Industries' President & CEO. "Our Canadian subsidiary also dramatically increased sales of new equipment to complement their strong leasing operations."

"Not only have our financial and operating results reached record levels, but our growth in several important measures has been acknowledged by publications such as Fortune Small Business Magazine (FSB) and the Houston Chronicle. In its 2006 annual review of 50 small cap stocks to watch, FSB asked ten top-performing small-cap fund managers to name five high-growth stocks each. Mitcham Industries ranked #1 out of the 50 stocks presented. (More information on this ranking may be found at: http://money.cnn.com/2006/05/29/smbusiness/50smallcaps\_intro/index.htm.) The Houston Chronicle's 100 Leading Companies survey ranked Mitcham Industries 14th in earnings per share growth and 16th in market return. For inclusion in this survey, participants were ranked based on four categories for 2005: total revenue, earnings-per-share growth, annual revenue growth and one-year total return to shareholders on a dividend-reinvested basis. Based on these combined metrics, Mitcham Industries ranked 43rd, which is quite an accomplishment for our first appearance in this survey," said Mr. Mitcham.

In other news, the Company said that it had hired Cyndi Miller, CPA to serve as its Corporate Controller. "We are delighted to have Cyndi join our team and believe her extensive global public company and oil service industry experience will only serve to strengthen our operations as we continue to expand domestically and internationally," said Mr. Mitcham.

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Mitcham Industries, Inc., a geophysical equipment supplier, offers for lease or sale, new and "experienced" seismic equipment to the oil and gas industry, seismic contractors, environmental agencies, government agencies and universities. Headquartered in Texas, with sales and services offices in Calgary, Canada; Brisbane, Australia; Singapore; Ufa, Bashkortostan, Russia; and the United Kingdom and with associates throughout Europe, South America and Asia, Mitcham conducts operations on a global scale and is the largest independent exploration equipment lessor in the industry.

This press release includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical facts included herein, including statements regarding potential future demand for the Company's products and services, the Company's future financial position and results of operations, business strategy and other plans and objectives for future operations, are forward-looking statements. Actual results may differ materially from such forward-looking statements. Important factors that could cause or contribute to such differences include the inherent volatility of oil and gas prices and the related volatility of demand for the Company's services; loss of significant customers; significant defaults by customers on amounts due to the Company; international economic and political instability; dependence upon additional lease contracts; the risk of technological obsolescence of the Company's lease fleet; vulnerability of seismic activity and demand to weather conditions and seasonality of operating results; dependence upon few suppliers; and other factors that are disclosed in the Company's 2006 Annual Report on Form 10-K and its other Securities and Exchange Commission filings and available from the Company without charge. All information in this release is as of the date of this release and the Company undertakes no duty to update any forward-looking statement to conform the statement to actual results or changes in the company's expectations.

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# MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (In thousands, except share and per share data) (Unaudited)

		For the Three Months Ended April 30,	
	2006	2005	
Revenues:	<b>.</b> = 0.10		
Equipment leasing	\$ 7,010	\$ 6,196	
Lease pool equipment sales	2,707	713	
Other equipment sales	4,398	729	
Total revenues	14,115	7,638	
Costs and expenses:			
Direct costs — seismic leasing	855	597	
Direct costs — equipment leasing depreciation	1,740	2,101	
Cost of lease pool equipment sales	1,477	167	
Cost of other equipment sales	2,746	525	
General and adminstrative includes \$297 and \$36	3,534	1,953	
related to stock based compensation			
Depreciation and amortization	298	76	
Total costs and expenses	10,650	5,419	
Operating income	3,465	2,219	
Other income, net	10	85	
Interest income, net	148		
Income before income taxes	3,623	2,304	
Provision for income taxes	184	162	
Net income	\$ 3,439	\$ 2,142	
Net income per common share			
Basic	\$ 0.36	\$ 0.24	
Diluted	\$ 0.33	\$ 0.22	
Shares used in computing net income per common share:			
Basic	9,563,000	8,976,000	
Dilutive effect of common stock equivalents	744,000	612,000	
Diluted	10,307,000	9,588,000	

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# MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands except share data)

	April 30, 2006 (Unaudited)	January 31, 2006
ASSETS	_	
Current assets:		
Cash and cash equivalents	\$ 12,978	\$ 16,426
Short-term investments	2,000	2,550
Accounts receivable, net of allowance for doubtful accounts of \$926 and \$1,125	12,235	5,793
Current portion of notes receivable, net of allowance for doubtful notes of \$148 and \$48	3,056	2,734
Inventories, net of allowance for obsolescence of \$66 and \$62	2,148	1,155
Prepaid expenses and other current assets	757	717
Current portion of deferred tax asset	1,266	_
Current assets of discontinued operations	320	366
Total current assets	34,760	29,741
Seismic equipment lease pool and property and equipment	81,341	79,023
Accumulated depreciation of seismic lease pool and property and equipment	(60,243)	(59,099)
Intangible assets, net of amortization of \$380 and \$266	2,470	2,584
Goodwill	3,358	2,358
Deferred tax asset, net of valuation allowance of \$4,897 and \$4,378	1,734	3,000
Other assets	11	13
Total assets	\$ 63,431	\$ 57,620
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 4,339	\$ 4,436
Deferred revenue	630	381
Income taxes payable	446	286
Current liabilities of discontinued operations	14	10
Accrued expenses and other current liabilities	2,693	2,056
Total current liabilities	8,122	7,169
Long-term debt	3,000	3,000
Total liabilities	11,122	10,169
Commitments and contingencies		
Shareholders' equity:		
Preferred stock, \$1.00 par value; 1,000,000 shares authorized; none issued and outstanding	_	_
Common stock, \$.01 par value; 20,000,000 shares authorized; 10,501,190 and 10,360,110 shares issued,		
respectively	105	104
Additional paid-in capital	65,578	64,404
Treasury stock, at cost (919,000 and 915,000 shares)	(4,781)	(4,686)
Deferred compensation	(263)	(8)
Accumulated deficit	(11,984)	(15,427)
Accumulated other comprehensive income	3,654	3,064
Total shareholders' equity	52,309	47,451
Total liabilities and shareholders' equity	\$ 63,431	\$ 57,620