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: June 14, 2004 (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.)

77342 (Zip Code)

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

(Address of principal executive offices)

936-291-2277

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report.)

Item 7. Financial Statements and Exhibits.

- (c) Exhibits. The following exhibit is filed as a part of this report:
 - 99 Mitcham Industries, Inc. press release dated June 14, 2004.

Pursuant to the rules and regulations of the Securities and Exchange Commission, information attached as Exhibit 99 is being furnished pursuant to Item 12 and shall not be deemed to be "filed" under the Securities Exchange Act of 1934.

Item 12. Results of Operations and Financial Condition.

On June 14, 2004, Mitcham Industries, Inc. issued a press release announcing earnings for the first quarter ended April 30, 2004. The text of the press release is attached to this report as Exhibit 99.

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 14, 2004 By: /s/ Christopher C. Siffert

Christopher C. Siffert

Vice President and Corporate Controller

EXHIBIT INDEX

Exhibit No.	Name of Exhibit
99	Mitcham Industries, Inc. press release dated June 14, 2004.

PRESS RELEASE

FOR IMMEDIATE RELEASE

Contact: Christine Reel AVP Enterprises, Inc. 713.419.1236

MITCHAM INDUSTRIES REPORTS STRONG FIRST QUARTER

HUNTSVILLE, Texas — June 14, 2004 — Mitcham Industries, Inc. (NASDAQ: MIND) today reported revenue of \$8.2 million and net income of \$1.4 million, or \$0.15 per diluted share, for its first quarter ended April 30, 2004, up substantially from revenues of \$5.9 million and a net loss of \$1.4 million, or (\$0.16) per diluted share, in the comparable quarter last year. The Company said that its first quarter results reflected strong contributions from every area of its operations. The Company also noted that general and administrative expenses were \$1.8 million in the first quarter, up 43% from the prior year's first quarter level of \$1.3 million, largely due to one-time charges associated with the recently completed internal investigation undertaken during the quarter.

"Operationally, our first quarter was positive across the board," said Billy F. Mitcham, Jr., Mitcham Industries' President & CEO. "Mitcham Canada recorded seasonally strong seismic leasing activity, as expected. Our Australian subsidiary, Seismic Asia Pacific Pty Ltd., maintained its sales of equipment to the oceanographic and hydrographic markets in Southeast Asia and increased its seismic leasing activity significantly. At headquarters, we saw a noticeable pick-up in demand for equipment leasing in the United States and several significant used equipment sales. We continue to see good results from our recent entry into the international marine seismic market."

"At this point, we have entered our traditionally slower summer season, but we believe from recent bid and quote activity that the seismic equipment market is firming," said Mitcham. "We are encouraged by the recent improvement in market conditions, but remain uncertain whether the improvement is sustainable."

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 and 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.

MORE

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 a prolonged and gradual recovery, or no full recovery, of the energy services sector of a depressed oil and gas industry, and thereafter, 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 which are disclosed in the Company's Securities and Exchange Commission filings, available from the Company without charge.

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MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(In thousands except share and per share data) (Unaudited)

Three Months Ended April 30,

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	2004	2003
Revenues:		
Equipment leasing	\$ 5,401	\$ 3,966
Equipment sales	2,805	1,902
Total revenues	8,206	5,868
Cost and expenses:		
Direct costs — seismic leasing	689	348
Cost of equipment sales	1,551	1,188
General and administrative	1,837	1,283
Depreciation and amortization	2,707	3,601
Total costs and expenses	6,784	6,420
Operating income (loss):	1,422	(552)
Other income (expense) — net	(52)	26
Income (loss) from continuing operations	1,370	(526)
Loss from discontinued operations, net of income taxes of \$0		(914)
Net income (loss)	\$1,370	\$ (1,440)
Income (loss) per common share from continuing operations:		
Basic	\$ 0.16	\$ (0.06)
Diluted	\$ 0.15	\$ (0.06)
Loss per common share from discontinued operations:		
Basic and diluted	\$ —	\$ (0.10)
Net income (loss) per common share:		th (0.10)
Basic	\$ 0.16	\$ (0.16)
Diluted	\$ 0.15	\$ (0.16)
Shares used in computing net income (loss) per common share: Basic	9 900 000	0.742.000
Dilutive effect of common stock equivalents	8,800,000 381,000	8,743,000
-		0.743.000
Diluted	9,181,000	8,743,000

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

	April 30, 2004	January 31, 2004
	(Unaudited)	
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 10,115	\$ 6,834
Accounts receivable, net of allowance for doubtful \$847 and \$847, respectively	6,704	5,635
Current portion of notes receivable, net of allowance for notes of \$28	256	811
Prepaid expenses and other current assets	618	700
Current assets of discontinued operations	325	898
Total current assets	18,018	14,878
Seismic equipment lease pool, property and equipment	79,188	84,624
Accumulated depreciation of seismic equipment lease pool, property and equipment	(57,524)	(59,265)
Long-term assets of discontinued operations	421	491
Other assets	9	2
Total assets	\$ 40,112	\$ 40,730
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current Liabilities:		
Accounts payable	\$ 1,676	\$ 1,532
Current maturities — long-term debt	2,228	2,203
Equipment notes payable	931	1,296
Deferred revenue	583	345
Wages payable	548	495
Accrued expenses and other current liabilities	494	1,245
Current liabilities of discontinued operations	170	399
Total current liabilities	6,630	7,515
Long-term debt	1,851	2,418
Total liabilities	8,481	9,933
Commitments and contingencies	,	,
Shareholders' Equity:		
Preferred stock, \$1.00 par value; 1,000,000 shares authorized; none issued and		
outstanding	_	_
Common stock, \$0.01 par value; 20,000,000 shares authorized; 9,714,994 shares issued	97	97
Additional paid-in capital	61,913	61,913
Treasury stock, at cost (915,000 shares)	(4,686)	(4,686)
Deferred compensation	(75)	(83)
Accumulated deficit	(27,041)	(28,411)
Accumulated other comprehensive income (loss)	1,423	1,967
Total shareholders' equity	31,631	30,797
Total liabilities and shareholders' equity	\$ 40,112	\$ 40,730
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