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: SEPTEMBER 15, 2003 (Date of earliest event reported)

MITCHAM INDUSTRIES, INC. (Exact name of registrant as specified in its charter)

TEXAS (State or other jurisdiction (Commission (IRS Employer of incorporation) File Number) Identification No.)

000-25142 (Commission 76-0210849

8141 SH 75 SOUTH, P.O. BOX 1175, HUNTSVILLE, TEXAS (Address of principal executive offices)

77342 (Zip Code)

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 September 15, 2003.

ITEM 12. DISCLOSURE OF RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On September 15, 2003, Mitcham Industries, Inc. issued a press release announcing earnings for the second quarter ended July 31, 2003. 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: September 15, 2003 By: /s/ Christopher C. Siffert

Christopher C. Siffert

Vice President & Corporate

Controller

EXHIBIT INDEX

Exhibit No. Name of Exhibit

99 Mitcham Industries, Inc. press release dated September 15, 2003.

PRESS RELEASE

FOR IMMEDIATE RELEASE

P. BLAKE DUPUIS 936-291-2277

CONTACT:

MITCHAM INDUSTRIES REPORTS IMPROVED RESULTS FROM CONTINUING OPERATIONS

HUNTSVILLE, Texas - September 15, 2003 - Mitcham Industries, Inc. (NASDAQ: MIND) announced a loss from continuing operations of \$2.3 million for the quarter ended July 31, 2003. The loss from continuing operations for the comparable quarter of the prior year was \$4.5 million before the effect of a non-recurring benefit from the recovery of a previously written-off trade receivable. After giving effect to the non-recurring item, the quarterly loss from continuing operations in the prior year was \$2.8 million. Revenues for the quarter increased to \$3.9 million from \$1.0 million recorded in the comparable quarter of the previous year. The net loss (inclusive of discontinued operations) for the quarter was \$4.1 million, (\$0.47) per share, compared to \$3.2 million, \$(0.37) per share, for the comparable quarter of the prior year.

Subsequent to the end of the quarter, the Company sold all of the operating assets of its subsidiary, Drilling Services, Inc. ("DSI"). As a result of the sale, the Company recognized an asset impairment charge of \$0.7 million for the quarter ended July 31, 2003. Furthermore, the operating results of DSI have been presented as discontinued operations in the financial statements for all periods presented.

Commenting on the quarterly results, Billy F. Mitcham, Jr., President and CEO of Mitcham Industries, said, "Our leasing activity and revenues improved dramatically year-over-year mainly due to projects in Indonesia, Senegal and South America. Those contracts are winding down, but we expect improving results over our second half from Canada and the Lower 48. Our sale of DSI's operating assets and exit from the seismic front-end services business was the logical consequence of our determination that further consolidation was needed in that segment and that our efforts were better directed toward our core business of equipment leasing and sales."

For the six months ended July 31, 2003, the Company's net loss from continuing operations was \$2.8 million compared to a net loss of \$6.2 million (\$4.5 million after non-recurring items) for the prior year period. The net loss (inclusive of discontinued operations) was \$5.6 million, (\$0.64) per share, for the current six-month period versus \$5.3 million, (\$0.60) per share, for the prior year period. Revenues were \$9.8 million as compared to \$8.1 million for the comparable six-month period of the prior year.

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 leading 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 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.

MORE

MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (IN THOUSANDS EXCEPT SHARE AND PER SHARE DATA) (UNAUDITED)

Three Months Ended Six Months Ended July 31, July 31, -----2003 2002 2003 2002 ----------------------**REVENUES:** Equipment leasing \$ 2,638 \$ 614 \$ 6,604 \$ 4,082 Equipment sales 1,291 394 3,193 3,974 -----·------ -------- ------ Total revenues 3,929 1,008 9,797 8,056 COSTS AND **EXPENSES:** Direct costs - seismic leasing 512 315 861 667 Cost of equipment sales 557 214 1,746 3,406 General and administrative 1,248 1,099 2,530 2,242 Benefit for doubtful accounts --(1,704) --(1,704) Depreciation 3,830 3,814 7,431 7,565 ---------------- Total costs and expenses 6,147 3,738 12,568 12,176 -----------**OPERATING** LOSS (2,218) (2,730)(2,771)(4,120) Other income (expense) -

net (46) (60)

```
(20) (82) ---
-----
 ---- LOSS
    FROM
 CONTINUING
 OPERATIONS
BEFORE INCOME
TAXES (2,264)
   (2,790)
   (2,791)
   (4,202)
Provision for
income taxes
-- -- 288
NET LOSS FROM
 CONTINUING
 OPERATIONS
   (2,264)
   (2,790)
   (2,791)
(4,490) Loss
    from
discontinued
 operations
 (including
 impairment
  charge of
$700) (1,879)
(458) (2,792)
  (812) NET
   LOSS $
  (4,143)$
  (3,248)$
  (5,583) $
   (5,302)
 ========
 ========
 ========
  Loss per
common share
    from
 continuing
 operations
  Basic and
  diluted $
  (0.26) $
  (0.32) $
  (0.32) $
 (0.51) Loss
 per common
 share from
discontinued
 operations
  Basic and
  diluted $
  (0.21) $
  (0.05)$
  (0.32)$
 (0.09) Net
  loss per
common share
 - basic and
  diluted $
  (0.47) $
   (0.37) $
  (0.64) $
(0.60) Shares
   used in
  computing
  loss per
common share:
    Basic
  8,751,000
  8,751,000
  8,747,000
8,751,000
  Dilutive
  effect of
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MORE

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

ASSETS	July 31, 2003	January 31, 2003
	(Unaudited)	
CURRENT ASSETS: Cash Accounts receivable, net Notes receivable Prepaid expenses and other current assets	\$ 5,766 5,104 50 359	12 627
Total current assets Seismic equipment lease pool, property and equipment Accumulated depreciation of seismic equipment lease pool, property and equipment Assets held for sales Other assets	11,279 87,648 (59,050) 844 18	9,353 87,126 (52,183)
other assets		
Total assets	\$ 40,739 ======	\$ 44,340 =====
LIABILITIES AND SHAREHOLDERS' EQUITY		
CURRENT LIABILITIES: Accounts payable Current maturities - long-term debt Deferred revenue Wages payable Accrued expenses and other current liabilities	472	\$ 2,424 2,092 216 414 914
Total current liabilities Long-term debt	6 42/	6,060 4,622
Total liabilities	10,453	
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;		
9,710,301 and 9,657,801 shares issued	97 61,814	97
Additional paid-in capital Treasury stock, at cost, 915,000 shares Accumulated deficit Accumulated other comprehensive income (loss)	(4,686) (27,702) 763	(22,122) (1,445)
Total shareholders' equity	30,286	33,658
Total liabilities and shareholders' equity	\$ 40,739 ======	\$ 44,340 ======