FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-028								
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0.5

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* LEWIS R DEAN						2. Issuer Name and Ticker or Trading Symbol MITCHAM INDUSTRIES INC [MIND]									all applica	10% Ov		vner		
	,	BUSINESS	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 07/26/2012									below)	give title		Other (s below)	:pecify	
P.O. BOX 2056 SHSU					4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street)	VILLE T	X	77341											X	Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(S	state)	(Zip)																	
		Tal	ole I - Nor	n-Deriv	vativ	re Se	ecuritie	s Ac	quired,	Dis	posed of	f, or Be	nefici	ally (Owned					
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)							2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Disposed Code (Instr.		ies Acquire Of (D) (Insi		and 5) Securitie Benefici		es Fo ally (D Following (I)		: Direct	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
										v	Amount	(A) or (D)	Price	Tran		ction(s) 3 and 4)			(50. 4)	
MII Common Stock 07/26					6/201	5/2012			A		2,500(1)		\$17	7.41	17,500			D		
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security (Instr. 3) 2. Transaction Date (Month/Day/Year) Date (Month/Day/Year) (Month/Day (Month/Day)			Date, Transact Code (In					6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title ar of Securi Underlyir Derivative (Instr. 3 a	D	. Price of erivative ecurity nstr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	i ily	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)			
					Code	v	(A)	(D)	Date Exercisab		Expiration Date	Title	Amou or Numb of Share	er						
Options to Purchase Common	\$17.41	07/26/2012			A		15,000		07/26/201	2(2)	07/26/2022	MII Common Stock	15,00	00	\$17.41	15,000)	D		

Explanation of Responses:

- 1. Restricted Stock vests upon grant.
- 2. Options vest upon grant.

Remarks:

/s/ Billy F. Mitcham, Jr., Attorney-in-Fact

07/30/2012

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.