FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
OMB Number:	3235-0287						
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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

Name and Address of Reporting Person* Karr Robert W					IDE	2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDRA]									k all appl Direct	tionship of Reporting all applicable) Director Officer (give title below)		10% O	wner	
(Last) (First) (Middle) 707 DOMINION DRIVE				3. Date of Earliest Transaction (Month/Day/Year) 06/04/2008										Other (s	specify					
(Street)					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
ST. LOU	TIS M	0	53131													Form filed by One Repor			ı I	
(City)	(Si	tate) (Zip)												Perso	n				
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day)					Execution Date,			Transaction Dispose Code (Instr. and 5)			rities Acq ed Of (D)		4 Securit Benefic Owned		ties Fo cially (D)		n: Direct or rect (I)	7. Nature of Indirect Beneficial Ownership		
								Code	v	Amount (A) or (D)		or Pr	ice				tr. 4)	(Instr. 4)		
	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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)		4. Transaction Code (Instr. 8)		of I		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		o D S (I	Price f erivative ecurity nstr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	y	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership	
					Code	v	(A)	(D)	Date Exercisable		piration ite	Title	Amou or Numb of Share	er						
Stock Option	\$14.21	06/04/2008			A		10,000		(1)	06	/04/2018	Common Stock	10,00	00	\$0.00	10,000		D		

Explanation of Responses:

 $1. \ The \ option \ vests \ in \ equal \ quarterly \ installments \ over \ three \ years, \ beginning \ 9/4/2008.$

Remarks:

Robert W. Karr

** Signature of Reporting Person

06/04/2008

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.