NANOGEN INC Form SC 13G/A February 08, 2005

# SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Nanogen, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

630075109 (CUSIP Number)

December 31, 2004 (Date of Event Which Requires Filing of This Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [\_] Rule 13d-1(b) [X] Rule 13d-1(c)
- [\_] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

2

CUSIP No. 630075109

1. Name of Reporting Person:

Langley Partners, L.P.

2.	Check the	e Appro	priate E	Box if a Member of a Group:			
	(a)	[_]					
	(b)	[X]					
3.	SEC Use	Only					
4.	Citizenship or Place of Organization: Delaware						
Number of	Ē		5.	Sole Voting Power: -0-			
Beneficia Owned By Each	ally		6.	Shared Voting Power: -0-			
Reporting Person With	Ð		7.	Sole Dispositive Power: -0-			
WICH			8.	Shared Dispositive Power: -0-			
9.	Aggregate Amount Beneficially Owned by Each Reporting Person:						
	-0-						
10.	Check Bo	x if th	e Aggred	gate Amount in Row (9) Excludes Certain Shares:			
	[_]						
11.	Percent of Class Represented by Amount in Row (9): 0%						
12.	Type of 1	Reporti	ng Perso	on: PN			
				3	j		
CUSIP No. 630075109							
1.	Name of Reporting Person:						
	Langley I	Managem	ent, LLO				
2.	Check the Appropriate Box if a Member of a Group:						
	(a)	[_]					
	(b)	[X]					
3.	SEC Use	Only					
4.	Citizenship or Place of Organization: Delaware						
Number of Shares Beneficially Owned By			5.	Sole Voting Power: -0-			
			6.	Shared Voting Power: -0-			
Each Reporting	9		7.	Sole Dispositive Power: -0-			

	_agag					
Person With						
WICII	8. Shared Dispositive Power: -0-					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person:					
	-0-					
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares:					
11.	Percent of Class Represented by Amount in Row (9): 0%					
12.	Type of Reporting Person: 00					
CUSIP No	. 630075109					
1.	Name of Reporting Person:					
	Langley Capital, LLC					
2.	Check the Appropriate Box if a Member of a Group:					
	(a) [_]					
	(b) [X]					
3.	SEC Use Only					
4.	Citizenship or Place of Organization: Delaware					
Number o	5. Sole Voting Power: -0-					
Shares Benefici						
Owned By Each						
Reportin Person	7. Sole Dispositive Power: -0-					
With	8. Shared Dispositive Power: -0-					
9.	Aggregate Amount Beneficially Owned by Each Reporting Person:					
	-0-					
10.	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares:					
11.	Percent of Class Represented by Amount in Row (9): 0%					
12.	Type of Reporting Person: 00					

5

CUSIP No. 630075109

1. Name of Reporting Person:

Jeffrey Thorp

- 2. Check the Appropriate Box if a Member of a Group:
  - (a) [\_]
  - (b) [X]
- 3. SEC Use Only
- 4. Citizenship or Place of Organization: United States
  - 5. Sole Voting Power: -0-

Number of

Shares

Beneficially 6. Shared Voting Power: -0-

Owned By

Each

Reporting 7. Sole Dispositive Power: -0-

Person With

8. Shared Dispositive Power: -0-

9. Aggregate Amount Beneficially Owned by Each Reporting Person:

-0-

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares:

[\_]

- 11. Percent of Class Represented by Amount in Row (9): 0%
- 12. Type of Reporting Person: IN

6

This Amendment No. 2 to Schedule 13G is filed by the undersigned to amend and restate in its entirety the Schedule 13G, dated September 24, 2003, as amended by Amendment No. 1, dated January 30, 2004, with respect to the shares of Common Stock, par value \$0.001 per share, of Nanogen, Inc.

Item 1(a).
Name of Issuer:

Nanogen, Inc. (the "Company").

Item 1(b). Address of Issuer's Principal Executive Offices:

10398 Pacific Center Court San Diego, CA 92121

4

Item 2(a). Name of Persons Filing: (i) Langley Partners, L.P. ("Langley L.P."), (ii) Langley Management, LLC, (iii) Langley Capital, LLC and (iv) Jeffrey Thorp ("Thorp", together with Langley L.P., Langley Management, LLC and Langley Capital, LLC, the "Reporting Persons"). Item 2(b). Address of Principal Business Office: For each Reporting Person: 535 Madison Avenue 7th Floor New York, NY 10022. Item 2(c). Citizenship: See row 4 of each Reporting Persons' cover page. Title of Class of Securities: Item 2(d). Common Stock, \$0.001 par value per share, of the Company Item 2(e). CUSIP Number: 630075109 Item 3. Not applicable. Item 4. Ownership. For each Reporting Person: Amount beneficially owned: (a) 7 -0- shares of Common Stock. (b) Percent of class: 0% of the total outstanding shares of Common Stock. Number of shares to which each Reporting Person has: (C) Sole power to vote or direct the vote: -0-(ii) Shared power to vote or direct the vote: -0-(iii) Sole power to dispose or to direct the disposition of: -0-(iv) Shared power to dispose of or direct the disposition of: -0-

Ownership of Five Percent or Less of a Class.

Item 5.

Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another

Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which

Acquired the Security Being Reported By the Parent Holding

Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of a Group.

Not Applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in

connection with or as a participant in any transaction having

that purpose or effect.

8

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 8, 2005

LANGLEY PARTNERS, L.P.

By: LANGLEY CAPITAL, LLC, as General Partner

By: /s/ Jeffrey Thorp

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Jeffrey Thorp, Manager

LANGLEY MANAGEMENT, LLC

By: /s/ Jeffrey Thorp

Jeffrey Thorp, Manager
LANGLEY CAPITAL, LLC
By: /s/ Jeffrey Thorp
Jeffrey Thorp, Manager
/s/ Jeffrey Thorp
Jeffrey Thorp